**Senior Java Architect**

* 13+ years of strong software experience in the design, development and deployment of web-based and Client-Server business applications using OOP, Java/J2EE technologies.
* Expert in various Agile methodologies like SCRUM, Test Driven Development (TTD), Incremental and iteration methodology, Agile Development & Testing using Software Development Life Cycle.
* Experienced in designing and developing enterprise and web applications using Java and J2EE technologies like Java, Spring core, JDBC, Spring Boot, Hibernate, Apache IBatis, JPA, JNDI, ANT, JMS, XML, JUnit, Apache Maven.
* Expertise in developing GUIs using HTML5, CSS3, JavaScript, Typescript, Angular 4/5/9, JSON, XML, Bootstrap, AJAX, and jQuery.
* Experience in Service Oriented Architecture (SOA), Web Services Integrations, BPM, BPEL, and ESB using WebSphere Process Server, ESB, Web Sphere Integration Developer, Data Power, and WSRR.
* Experienced with various spring modules like Spring IOC (Dependency Injection), Spring DAO (JDBC, ORM), Spring Boot, Spring AOP, Spring Batch, and Spring Security.
* Transaction implementation (CMP, BMP, Message-Driven Beans), JMS, Struts, Spring, Swing, Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Multithreading etc.
* Experience in using ORM frameworks like Hibernate, and JPA and integrating with Spring ORM.
* Experience in developing and managing Microservices using Spring Cloud services like Config server, Service Registry, and Circuit Breaker Patterns using Spring Boot.
* Scaling up processes using Java libraries like Multithreading, Collections, Exception Handling, File Handling, IO, and Spring Batch.
* Worked on Lambda Expressions, Functional interfaces, Stream APIs, Time API, and Improvements on Collection, Concurrency, and IO improvements by using Java 8.
* Developed Data Ingestion application to bring data from the source system to HBase using Spark Streaming. Apache Kafka.
* Proficient in applying design patterns like Data Access Object, Prototype, Factory, Abstract Factory, Builder, Observer, Builder, Data Transfer Object Singleton, and Session Façade.
* Worked with RDBMS Databases like My SQL, Oracle 10g/ 11g, and Amazon Redshift. Experience in JDBC Programming and with writing DDL and DML SQL Queries, PL/SQL stored procedures, Triggers, Functions, and packages.
* Experience in Message Oriented Middleware implementation using JMS and Apache Kafka. Working with the presentation layer using HTML, CSS, Python, Custom tag libraries, JavaScript, jQuery, and AJAX.
* Good experience in J2EE Testing in developing test cases with Junit for Unit testing, and logging using Log4J. Developed applications in Single Page (SPA’s) using various JavaScript frameworks such as Angular and Ionic.
* Extensive experience in Amazon Web Services (AWS) cloud computing service it including Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and Access Management (IAM), AWS CloudWatch, Amazon EBS and Amazon Cloud Front.
* Proficient with container systems like Docker and container orchestration like EC2 Container Service and Kubernetes.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Extensive hands-on experience in object-oriented analysis, design, modeling, and programming tools in conjunction with Unified modeling language (UML) using IBM Rational Rose.
* Performed unit and integration testing using JUnit, Mockito, Spring Boot Test, and MockMVC frameworks.
* Deployment of applications done using tools ANT, Maven, and debugging through log4j.
* Extensively used Git, SVN, and Bit Bucket for version control.
* Building and Deployment of EAR, WAR, and JAR files on test, stage, and production servers.

# Professional Skills:

|  |  |
| --- | --- |
| Languages | Java 1.8, J2EE, Perl, Perl DBI, Python 3.6.0 |
| Web Technologies | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, core java, Java Servlet API 3.0 |
| Frameworks | Spring 4.3, Hibernate 4.3, Angular JS 1.0/2.0, Spring Security 3.2, FitNesse, Selenium, Mockito |
| Application/Web servers | Apache Tomcat 8, IBM WebSphere 8.0, Jetty, Jenkins 2.50, WebSphere MQ 7.5 |
| Relational Databases | Oracle 11g/12C, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1 |
| NoSQL Databases | MongoDB, Cassandra. |
| Internet Technologies | HTML 5, JavaScript 1.8, XML 2.0, VXML, CSS 3 and CSS 4, jQuery 2.11, Angular JS Angular.2. /4/5/7/8/9, BackBone.JS 1.3.1, Node JS 6.0. |
| IDE | Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.9.3 |
| Operating system | Windows 10, Linux Mint 18.1, Unix |
| Methodologies | Agile, waterfall, Scrum, TDD, GitHub |
| Web Services | SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS |
| Domains | Healthcare, Retail, Banking, Financial & Capital Markets & Insurance |

**Professional Experience:**

**USAA,**

**San Antonio, TX Aug 2022 – Present**

**Role: Senior Java Architect**

**Responsibilities:**

* Enhanced and optimized the functionality of the web UI using RichFaces, JSF, AJAX, CSS, HTML, and JavaScript.
* Fetched JSON data within the orchestration layer with a Spring Boot application and displayed it in the UI using React.js.
* Enhanced and fixed functional and performance-related bugs in core products written in Go (Golang).
* Involved in Test-Driven Development, writing automated unit test functions in Golang to cover the API code.
* Integrated Java 17 applications into CI/CD pipelines using Jenkins, Docker, and Kubernetes for automated testing and deployment.
* Analyzed business requirements to translate functional requirements into technical requirements and developed web applications using MongoDB, Express, React.js/Redux, and Node.js (MERN stack).
* Used Node.js, Express.js, MongoDB, and Mongoose in the back-end to provide RESTful APIs.
* Developed various front-end screens using React.js, utilizing predefined components from NPM and the Redux library.
* Developed front-end components using HTML5, CSS3, Bootstrap 3, and Angular 7/9.
* Extensively used Java 8 features such as lambda expressions, parallel operations on collections, multithreading, and effective sorting mechanisms.
* Used streams and lambda expressions available as part of Java 8 to store and process data.
* Extensively used Java 11 features such as lambda expressions, parallel operations on collections, multithreading, and effective sorting mechanisms.
* Core financial model design and implementation (NodeJs, AWS
* Designed, documented (Swagger), and developed microservices (Admin Service, Reports Service, Audit Service, Loan Processing Service) using Java, Spring Boot, Spring Reactive Stack (WebFlux), Spring, Hibernate, JSON, JWT, and MongoDB.
* RESTful HTTP API using NodeJs to interact with AWS API Gateway
* Implemented various features of the Spring Framework such as dependency injection, IOC, annotations, and Spring integration with Hibernate.
* Skilled in developing RESTful APIs for web applications.
* Implemented OLAP solutions to facilitate complex data analysis and reporting for clients.
* Developed robust and performant APIs using FastAPI, a modern Python web framework.
* Leveraged FastAPI’s asynchronous capabilities to improve response times and handle high levels of concurrent requests.
* Design, Code, and develop the application components using Java/JEE and Spring boot, React, and React Native and ensure quality products with high system performance, reliability, and scalability.
* React and react native state management using Redux and UI development using Material UI & Ant Design.
* Mobile responsive components design using HTML5, CSS and React, Media Queries.
* Develop UI and mobile apps using JavaScript, and TypeScript with React & React Native.
* Writing advanced SASS within Vue.js components, using Next.js and custom scaffold.
* Integrated application with Spring Security for form-based authentication and authorization by using spring security JSP tags to provide UI-level spring security.
* Implemented solutions using Hadoop. Apache Spark. Spark Streaming, Spark SQL. HBase and Scala.
* Developed Java microservices deployed within Kubernetes clusters, ensuring seamless scalability and high availability.
* Designed and implemented Docker containers for Java applications, simplifying deployment and minimizing environment inconsistencies.
* Implemented all functionality using Spring IO / Spring Boot and Hibernate ORM.
* Implemented caching at different layers of the application using Reactive Redis to improve performance and reduce latency.
* Architected and implemented ActiveMQ solutions to support the high-volume messaging needs of enterprise applications, ensuring optimal performance and reliability.
* Designed and executed a High Availability (HA) strategy for ActiveMQ, incorporating failover mechanisms, clustering, and persistent storage to achieve near-zero downtime.
* Used Bootstrap and AngularJS, React.js and Node.js in effective web design.
* Conducted comprehensive performance tuning of ActiveMQ instances, achieving sub-second response times for message delivery and processing in a production environment handling over 100,000 messages daily.
* Integrated ActiveMQ with various enterprise systems, including SAP, Oracle, and third-party procurement systems, ensuring seamless and reliable communication across platforms.
* Developed custom monitoring and alerting solutions for ActiveMQ, enabling proactive management of message queues, brokers, and overall system health.
* Exposed microservices based on RESTful APIs utilizing Spring Boot with Spring MVC.
* Developed applications using rule engines, Drools 4.x, and ILOG to validate business user roles.
* Implemented unit tests in both Java and Python, ensuring the reliability and robustness of code across the stack.
* Utilized Python's scripting capabilities to automate routine tasks, reducing manual effort by a significant percentage.
* Collaborated with data scientists on joint projects, assisting in the integration of Python-based machine learning models into Java applications.
* Participated in code reviews for Python scripts, providing insights into code quality and adherence to best practices.
* Used HiveQL, MapReduce, Cassandra bulk loads, Java web services, UNIX shell scripts, and ActiveMQ.
* Performed various web operations using Azure Cloud services in Azure App Service.
* Worked with JAXB, SAXP, and XML Schema for exporting data into XML format and importing data from XML to the database, using JAXB in the web service's request-response data marshaling and un marshaling process.
* Experienced in Vue.js for building apps and declarative templates with data-binding, creating some custom directives in the application.
* Integrated authentication and authorization mechanisms into FastAPI applications, ensuring secure access to resources.
* Worked closely with front-end teams using Angular/React to integrate Java 17-based backend services.
* Defined strategic initiatives on Continuous Integration & Delivery (CI/CD) model with Test-driven development, Extreme Programming (XP), and build automation in an AGILE development environment to quickly respond to business needs and ship high-quality products.
* Used Spark for interactive queries, processing streaming data, and integration with popular NoSQL databases for handling large volumes of data.
* Involved in JAD sessions to gather requirements from end clients. Used Git for version management and JIRA for defect management.
* Built Java-based streaming applications using Kafka and integrated Redis Cache for real-time data processing, ensuring low latency and high throughput.
* Enhanced application performance and reliability by integrating Kafka for event streaming and real-time processing.
* Developed real-time streaming applications using Apache Kafka to process high volumes of transactional data with low latency, ensuring efficient data movement and processing.
* Created alerting and monitoring systems for Kafka message queues to prevent bottlenecks, ensuring smooth data flow in production environments.
* Developed and deployed Kafka-based solutions in cloud environments like AWS and GCP, ensuring high availability and scalability for distributed applications
* Optimized Kafka clusters by configuring partitioning, replication, and retention policies to ensure high availability, fault tolerance, and scalability in data streaming workflows.
* Utilized Python's scripting capabilities to automate routine tasks, reducing manual effort by [percentage].
* Collaborated with data scientists on joint projects, assisting in the integration of Python-based machine-learning models into Java applications.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL
* Participated in code reviews for Python scripts, providing insights into code quality and adherence to best practices.
* Used Hive QL, Map Reduce, Cassandra bulk loads, Java Web Services, UNIX Shell Scripts, and Active MQs.
* Used Azure Cloud services to perform various web operations in Azure App Service.
* Worked with JAXB, SAXP, and XML Schema for exporting data into XML format and importing data from XML to the database and JAXB in the web service's request response data marshaling and an un-marshaling process.
* Experience in Vue.js for building apps and declarative templates with data-binding created some custom directives in the application.
* Integrated authentication and authorization mechanisms into FastAPI applications, ensuring secure access to resources.
* Worked closely with front-end teams using Angular/React to integrate Java 17-based backend services.
* Defined strategic initiatives on Continuous Integration & Delivery (CI/CD) model with Test-driven development, Extreme programming (XP), and build automation, in an AGILE development environment to help, respond quickly to business needs and to ship world-class Quality products.
* Used Spark for interactive queries, processing streaming data, and integration with popular NoSQL databases for handling large volumes of data.
* Involved in JAD sessions to gather requirements from end clients. Used Git for version management and JIRA for defect management.

**Environment:**Java 8, 11, 17, JDBC, Struts, JavaScript, Html, CSS, JSP, Servlets, Tomcat, Oracle, Eclipse IDE, CVS, ANT, Log4J, Web Logic Server, ReactJS, Angular, Node.js, Spring, Spring Boot, Spring Reactive, Apache Kafka, Spark, Jenkins, jQuery, GIT, AWS, Angular, REST Web services, SOAP UI.

**Goldman Sachs,**

**New York, NY Mar 2019 – Jul 2022**

**Role: Lead Full Stack Java Developer**

**Responsibilities:**

* Analyses, Design, Implementation, and Support. Developing Back-End Services Using Spring Boot.
* Re-designed, re-architected and built the existing application using Java 11, Spring Boot, Spring Reactive Stack (WebFlux), GCP, PostgreSQL and Maven.
* Exposed Virtual machines and cloud services in the VNet to the Internet using Azure External Load Balancer.
* Leveraged Open API Swagger standards to normalize API development across all teams while having a built-in source of documentation.
* Responsible for the Design, Development, Unit Testing, And System Integration Testing of Assigned Tasks.
* Responsible for the implementation of Java integration components for JBPM and DROOLs.
* Good Knowledge of Working with Apollo Clients to Interact with Graph Ql Server.
* Involved In the Change Request and Response Process, Troubleshooting Issues Raised by Customers, And Providing Resolution.
* Experienced in developing secure Web APIs, with a strong understanding of encryption, authentication, and authorization.
* Implemented automated testing for Fast API applications using tools like pytest, increasing code coverage.
* Optimized database queries using asynchronous database libraries, enhancing overall API performance.
* Documented API endpoints thoroughly using FastAPI's automatic Open API documentation generation.
* Expertise with Java 11, Spring Boot, and Spring REST in the development of online and enterprise applications.
* Worked on Migration of legacy EJB based SOAP APIs to Golang-based services and REST Services.
* Developed Merge Jobs in Python to Extract and Load Data into MySQL Database.
* Participating In Development Projects and Upgrades.  Involved With Business Entities on Feasibility and the Technical requirements for A New Initiative.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
* Implemented automated continuous integration and continuous deployment (CI/CD) pipelines using tools like Jenkins and Kubernetes.
* Integrated Python scripting for data processing, enhancing [mention specific benefit, such as data analysis or automation].
* Leveraged Python libraries such as NumPy and Pandas to perform complex data manipulation and analysis tasks.
* Collaborated with cross-functional teams to build RESTful APIs using Java, while utilizing Python for data-driven components.
* Design, Code, and develop the applications from scratch using Java/JEE and Spring boot, React, and React Native and ensure quality products with high system performance, reliability, and scalability.
* Experience in AWS Cloud platform including EC2, AMI, EBS, Cloud watch, AWS SQS, and AWS S3 and have extensive expertise on Google Cloud services (Anvato, Apigee, Hire, Firebase).
* Experience in writing Spark applications in Scala and Python.
* Created New Microservices for The Customers to Enroll and Get Reward Points.
* Skilled In Developing User Interfaces Using HTML5, CSS3, JavaScript, jQuery, Graphql, Bootstrap, Ajax, Angularjs, Angular 8, Reactjs, and Nodejs Framework.
* Designed and implemented Kafka producers, consumers, and topics for seamless integration between distributed microseUtilized Kafka Streams API to process and transform data in real-time, implementing complex event processing pipelines for large-scale applications.
* Optimized Kafka clusters by configuring partitioning, replication, and retention policies to ensure high availability, fault tolerance, and scalability in data streaming workflows.
* Handled large-scale data ingestion from multiple sources into Kafka, improving data flow and ensuring real-time availability for downstream systems.
* Integrated Kafka with microservices to decouple application components, allowing asynchronous communication between services and improving the overall resilience of the system.
* Implemented Kafka Connect to stream data between Kafka and external systems, such as databases and data warehouses, ensuring seamless data integration services and external systems, enabling real-time data exchange.
* Led a team of developers and infrastructure engineers in the build and configuration of ActiveMQ infrastructure, ensuring adherence to best practices and industry standards.
* Advised on the migration strategy from classic ActiveMQ to Apache Artemis, providing detailed analysis of benefits, potential risks, and mitigation strategies.
* Designed and executed a High Availability (HA) strategy for ActiveMQ, incorporating failover mechanisms, clustering, and persistent storage to achieve near-zero downtime.
* Created New Microservices for Business Consumers to Refer a Business for Value add-ons and Get Rewards.
* Developed and implemented application using Drools BRMS and integrated with Magento API.
* Helped keep high code quality (BDD, TDD, code reviews, pair programming.
* Wrote Various Types of Business Rules in The. Drool (Drools File), Ece (Expectation Files) Templates Using Drools Rule Engine for Injecting Beans into The Rules Engine and Invoking Rule Base Stateless Session.
* Enhanced, and fixed functional and performance-related bugs in core products written in GO (Golang).
* Experienced in converting Hive/SQL queries into Spark transformations using Spark RDD, Scala, and Python.
* Developed Configuration with Spring Security for authentication and authorization.
* Implemented and configured AWS EC2, and AMI using Ansible playbooks, Ansible roles, and vault to design as web application managed server and install CIS benchmark checklist on Linux machines.
* Administered and deployed applications on the JBoss server and created JSON services and documentation using JAX-RS and Swagger API.
* Used Java 8 features like lambda expressions, and stream API for bulk data operations on collections to improve application performance, Strong experience with rule engines like Drools, and ILOG.
* Designing and developing databases for telecommunications applications, optimizing performance, and ensuring data integrity. Working with relational databases such as Oracle, SQL Server, MySQL, and NoSQL databases like MongoDB or Cassandra.
* Used Jenkins to Build and Deploy the Application and GitHub for Code Repository and Version Control.
* Written And Executed Several Stored Procedures, Triggers, Packages, Views, And Functions Using the SQL Developer Tool.
* Using pair programming and TDD to produce high-quality code.
* Used Postman to Test the API Workflow Tested on The JSON Files.
* Used Kibana, Grafana, And Splunk to Monitor the Logs and Maintain The Reports.
* Created Graph Ql Schema and Queries to Interact with Mongo Db Database.
* Deployed the web app using Apache Tomcat, and AWS to enhance scalability.
* Worked Extensively on Developing Controllers, Interfaces, And Implementation Classes Using Spring Mavic Framework & Used A Microservice Architecture with Spring Boot Service through Rest.
* Implemented design wireframe using Angular and creating services and exposing it to the backend which runs on Spring Boot with another layer that uses NodeJS mainly for authentication, authorization, and session maintenance.
* Implemented And Designed Aws Virtual Servers by Ansible Roles to Ensure Deployment Of Web Applications
* Developed, Debugged, Integrated, And Deployed Applications Using Eclipse (Ide) And Used Git as A Version Control.
* Scaled The Component Interactions and Generalized the Interfaces Using Restful Web Service.

**Environment:** Java 1.8, Sts, Eclipse, Gitlab 7.0, Oracle 12c, SQL, JMS, Angular 5/6, High charts, Webpack, Angular-Cli, Typescript, Html5, Css3, JavaScript, Restful, Json, Xml, Junit 4.9, Spring 4.2, Microservices, Spring Boot, Spring AOP, Spring Jpa, Jira, Tomcat, Protractor, Jenkins, Gradle, Apache, Aws

**M&T Bank,**

**Forest Hills, NY Apr 2015 – Feb 2019**

**Role: Lead Java Developer**

**Responsibilities:**

* Involved in Various Stages of Software Development Life Cycle (SDLC) deliverables of the project using the AGILE Software development methodology.
* Developed code in HTML5, CSS3, Typescript, JavaScript, jQuery, AJAX, JDBC, JSON, Angular JS, REDUX, and Bootstrap with MySQL database as the backend.
* Developing web pages using HTML/HTML5, CSS/CSS3, JavaScript, React JS, Redux, AngularJS, Bootstrap, and Node.js.
* Created components, directives, pipes, modules, and services in the application for various modules.
* The mobile application was developed with Java mixed with Kotlin using Android Studio and a Web API with .NET Core 2 using Visual Studio.
* Designed various screens for the front end using React.js virtual DOM and React views and used custom HTML tags in React modules for rendering.
* Excellent knowledge of retail end-to-end flow on OMS, working with various Sterling modules and components.
* Used Angular HttpS Client to perform backend REST web service interactions to get and post JSON data.
* Implemented module-wide routing in the application using Angular Router and created various route guards.
* Designed and developed the application using the Angular 2 framework with HTML5, CSS3, TypeScript, JavaScript, Bootstrap, Node.js, NPM, and MongoDB.
* Designed the GUI of several plugins from scratch for the platform using Java Swing.
* Used Drools to handle complex business rules using Rule Sets and Rule Flows.
* Created and managed AJAX calls in the application, integrated with JSF controls.
* Moved existing AngularJS controllers and services to Angular 2 components for more responsiveness and less dependency. Wrote automated unit test functions in Golang to cover the API code.
* Configured code coverage and build validation using SonarQube, SonarLint, and Google Cloud (GCP).
* Responsible for providing architectural guidance to the external business team in Apigee API management. Created various CloudWatch alarms and Route 53 configurations.
* Successfully migrated the DynamoDB and Kinesis data from PostgreSQL with complete data integrity.
* Involved in developing and delivering a microservice application utilizing most of the AWS stack, including S3, EC2, DynamoDB, Kinesis, SNS, and SQS.
* Involved in the successful OMS design, build, coding, and implementation of Sterling while working both onshore and offshore.
* Monitored and managed Kafka clusters using tools like Kafka Manager and Prometheus to track metrics, performance, and ensure the smooth operation of the data streaming platform.
* Enabled horizontal scaling by partitioning Kafka topics and fine-tuning consumer groups, optimizing performance for large-scale enterprise systems.
* Integrated Kafka with NoSQL databases to handle high-throughput data pipelines, enabling real-time processing and storage of unstructured data for analytics and reporting.
* Leveraged Kafka's fault tolerance features, ensuring data replication across multiple brokers to guarantee no data loss in case of failures.
* Responsible for the design, development, testing, and deployment of the NAM portal using Oracle ADF 11g and JDeveloper 11g DB2. Developed business logic using Python on the Django web framework.
* Used Java 8 lambda expressions along with streams for creating internal iteration and performing chain operations such as filter, map, and collect on a collection.
* Developed Apache Camel endpoints and used producer templates to route messages to JMS queues.
* Created Scripts to Automate AWS services which include web servers, ELB, Cloud Front Distribution, database, AWS EC2, and database security groups. Configured Kafka message source with Spring XD.
* Designed and set up JBOSS, MYSQL, and Solaris environment.
* Designed, developed, implemented, and maintained custom Ant tasks in Java and Groovy Experience in Microsoft Azure Cloud Computing development and support. GUI development using Swing and Eclipse RCP.
* Prepare the Azure cloud infrastructure Azure Resource Manager Templates.
* Designed and developed the Presentation layer using Angular 9 and written logic using Typescript.
* Worked in RDBMS implementation using SOAP, SQL, PL/SQL, MySQL on Oracle database
* Implemented an express-GraphQL library to mount a GraphQL API server on the user-configured HTTP endpoint.
* Designed and developed web applications using JSF, Spring Web Flow, AJAX technology, and front-end UI using JSF, Apache MQ MyFaces, and Prime Faces UI components.
* Developed PL/SQL triggers and master tables for the automatic creation of primary keys
* Converted a monolithic app to a microservices architecture using Spring Boot using a 12-factor app methodology. Deployed, Scaled, Configured, and wrote manifest files for various Microservices in PCF.
* Developed single-page applications using Angular 2, Typescript, web pack, and grunt.
* Used both reactive and angular forms modules to create template and data-driven forms.
* Implemented REDUX architecture with Angular using angular-redux for unidirectional data flows.
* Implemented Lazy loading for modules to render pages quicker and used Angular CLI for application creation and to create production-ready code. Worked with React JS to build bootstrap components for UI web objects
* Used Scala collection framework to store and process complex consumer information.
* Successfully migrated the DynamoDB from PostgreSQL with complete data integrity
* Migrated a few cloud formation templates to Terraform by using various AWS modules and secured the Terraform state file in s3 buckets
* Hands-on experience in the development of Microservices and deploying using Pivotal Cloud Foundry (PCF)
* Build Rest services using NodeJS and ExpressJS and used a full complement of Express, Angular 7/6, NodeJS, and MongoDB, GO (Golang) to store and present assessments.
* Worked on Microsoft cloud services like Azure to provide, SAAS, and PAAS and worked on web services for passing the data as JSON data. Created User Controls and simple animations using JavaScript and Python.
* Responsible for supporting production issues, and monitoring logs using Dynatrace, Kibana, Kinesis, Splunk, and Grafana.
* Implemented filters for user authentication and user authorization by Spring Security.
* Developed Shell Scripts for batch processing on HP UNIX and Sun Solaris.
* Automated infrastructure provisioning on AWS Lambda using Terraform and Ansible.
* Developed RESTful services using Spring Boot and deployed to pivotal cloud foundry (PCF)
* Created SOAP test cases for different test scenarios and integrated Subversion of the test suite to Jenkins.
* Deployed the application using WebLogic application server and performed JBoss, GitHub, and Maven dependencies for the project and used SVN as a Version Control System
* Deployed and scaled web applications are developed on Programming languages such as Java/J2EE, .Net, PHP, Node.js, Python, Ruby, and Go. Extensively worked in Test Driven Development (TDD) framework using JUnit.
* Enhanced, and fixed functional, and performance-related bugs in core products written in GO (Golang).
* Implemented a spring boot app using SonarQube, Sonar Lint, and IntelliJ IDE and deployed it to the Google APP Engine
* Redesigned configuration UI, Git introduced Scala SDKs.
* Experience in building isomorphic applications using React.js and Redux with GraphQL on the server side.
* Used Reflection to access HP UNIX and Sun Solaris Systems.
* Handled Restful web service calls and DB2, EJB services using Oracle ADF 11g framework.
* Enforced development using Subversion hooks and other metadata.
* Took part in creating Docker images for deployment to AWS ECS environment with Jenkins and Gradle.

**Environment:** Java 1.8, JavaScript, HTML, Python, AWS, Golang, Ruby, AWS, Azure, Terraform, Ansible, TDD, Maven, JBoss, WebLogic, GraphQL, Grafana, Rest API, Kibana, Jenkins, Docker, Linux, SOAP, Oracle, SQL, Git, Scala

**Intuit,**

**Mountain View, CA Feb 2012 – Mar 2015**

**Role: Senior Full Stack Developer**

**Responsibilities:**

* Hands-on experience in Azure Cloud Services (PaaS & IaaS), Storage, Web Apps, Active Directory, Application Insights, and Logic Apps.
* Configured RDS instances using Cloud formation templates and Terraform
* Designed and Developed Client-Side applications using HTML5, CSS3, JavaScript, Bootstrap, jQuery, and ReactJS.
* Used the latest web technologies ReactJS Redux architecture for unidirectional data flow & also used React routes for synchronizing UI and URL. Used Swing Worker SDLC Life cycle thread to handle multi-threading.
* Developed REST APIs using Spring MVC and Spring boot, GO (Golang) hosted all microservices on PCF.
* Developed MapReduce application using Hadoop MapReduce programming and HBase.
* Involved in data loading using PL/SQL and SQL Loader calling UNIX scripts to download and manipulate files.
* Migration of stored procedures from Oracle DB to PostgreSQL DB.
* Utilized Apache Camel to integrate microservices and RabbitMQ messaging exchanges.
* Well-acquainted with RDBMS like Oracle ADF 9i/10g, DB2, MySQL Databases, and NoSQL databases such as MongoDB, and Cassandra. Implemented SSO using SiteMinder and Spring Security.
* Involved in designing and deploying a multitude of applications utilizing most of the AWS Stack, including S3, EC2, DynamoDB, Kinesis, SNS, and SQS.
* Implemented design patterns in Scala for the application.
* Developed SPA user interface using React JS, flux, and React-Router.
* Designed and implemented a Call Bridging feature using Brook Trout board using C/C++, Sun Solaris.
* Collaborate in the automation of AWS infrastructure via Terraform and Jenkins - software and services configuration via chef cookbooks. Created POC for Spring Batch for running batch jobs.
* Configured Spark streaming to receive real-time data from Kafka and store the stream data to HDFS using Scala.
* Wrote many shell scripts in Unix to call routines. Kafka integration with Spark using Spark Streaming API.
* Involved in extracting customers' big data from various data sources into Hadoop HDFS. This included data from mainframes, databases, and also logs data from servers.
* Involved in developing functions for Amazon Lambda to manage some of the AWS services.
* Built Cassandra Cluster on both the physical machines and on AWS Lambda
* Used JSF framework in developing user interfaces using Prime faces UI Components, Validator, IaaS, Events, and Listeners for handling request processing.
* Worked on Scala for implementing spark machine learning libraries and spark streaming.
* Performed SQL and PL/SQL tuning and Application tuning using various tools like EXPLAIN PLAN, SQL\*TRACE, TKPROF, and AUTOTRACE.
* IntelliJ as a development tool, Tomcat as an application server, and Git and SVN were used for version control.
* Working on creating batch jobs using Autosys as the job scheduler and technologies like SQL Invoker, UNIX shell scripting, and core Java. Configured Kafka message source with Spring XD.
* Responsible for maintaining AZURE PAAS (Cloud Services) infrastructure.
* Worked with Terraform to create AWS components like EC2, IAM, ELB, IaaS, and Security Groups.
* Created computing and data resources on AWS using EC2. Installed Pivotal Cloud Foundry (PCF) on EC2 to manage the containers created by PCF.
* Experience in building isomorphic applications using React.js and Redux with GraphQL on the server side.
* Incorporated Basic authentication and JSON threat protection using the Apigee API gateway.
* Developed Managed Beans in JSF to handle the presentation logic.
* Used React with Redux for fetching data from different APIs and worked in all parts of the stack.
* Used React to make backend REST API calls to fetch JSON data, tested React components with Jest, and mocked REST API calls with Nock.
* Utilized JavaScript DOM manipulation and JavaScript events to generate data results in the UI, developed and designed forms for browser applications, and built responsive sites using Bootstrap.
* Created new RESTful Webservices using JSON data format to communicate with all external systems, utilizing tools like Go (Golang) and the Spring MVC framework.
* Used Spring Boot to create projects quickly, leveraging auto configurations and embedded deployments.
* Installed applications on AWS EC2 instances and configured storage on S3 buckets.
* Experience with tools like Docker Images/containers and Kubernetes.
* Used the Gradle build tool to automate the process of generating Docker files, building Docker Images, and pushing them to a Docker Private Registry.
* Used GIT for version control in Scala in Java and writing Scala test cases to test Scala-written code.
* Participated in writing application-level code to interact with APIs and web Services using AJAX, and JSON.
* Build prototype for various required services such as Logging, Scheduling, and Notification Services using third-party Node JS-based JavaScript library.
* Implemented modules into NodeJS to integrate with designs and requirements and used NodeJS Express Framework.
* Implemented the Persistence layer using Hibernate to interact with the Oracle database and used the Hibernate framework for object-relational mapping and persistence.
* Developed stored procedures, triggers, and functions in Oracle EBS to process trades using PL/SQL, mapped them to Hibernate configuration files, and established data integrity among all tables.
* Implemented agent-server messaging dialog using Camel and JMS (ActiveMQ implementation).
* Expertise in working with Oracle ADF Business Components, ADF Faces, ADF Task Flows, and Data Controls.
* Wrote MongoDB queries to interact with the database, converted data from XML format into Java objects, and injected them into the NoSQL database MongoDB.
* Used JMS and Git to send messages to customers for statements and payments, and performed deploying, managing, and operating scalable systems on AWS.
* Involved in the deployment and configuration of WebLogic servers in JBoss/Linux/Solaris environments.
* Used ActiveMQ factories for subscription and consumption.
* Used Maven and Jenkins for local and server builds (SVN repository) and JUnit for writing unit test cases of different modules.

**Environment:** Java, HTML, CSS, JavaScript, Spring, Spring boot, XML, AWS (EC2, IAM, ECS), Terraform, Azure, IAAS, PAAS, GIT, WebLogic, Kubernetes, Docker, Pl/SQL, Oracle, SQL Server, Hibernate, Rest API, MongoDB, DB2,

**VMWare**

**Palo Alto, CA Feb 2011 – Jan 2012  
Java Developer**

**Responsibilities:**

* Involved in the development, testing, and maintenance of the application.
* Worked on React.js virtual DOM and React views, rendering using components that contain additional components called custom HTML tags.
* Extensive experience in analyzing, developing, managing, and implementing various stand-alone, client-server enterprise applications using Python and Django, and mapping the requirements to the systems.
* Well-versed in Agile with SCRUM, Waterfall Model, and Test-driven Development (TDD) methodologies.
* Developed required SQL queries for database transactions.
* Developed and maintained the application configuration information in various properties files.
* Designed and developed HTML front screens and validated user input using JavaScript.
* Used Cascading Style Sheets (CSS) to give a better view of the web pages.
* Used Eclipse for code development along with CVS for managing the code.
* Used JBoss Server to deploy the application.
* Performed testing using JUnit and bug fixing.

**Environment:** J2EE, JBoss Application Server, Eclipse, EJB 2.0, Struts, HTML, JSP, CSS, XML, JUnit and Oracle.

Bachelor’s: Computer Science- 2004

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