**GOUTHAM N**

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**PROFESSIONAL SUMMARY**

* Overall 10+ years of experience in Software development involved in design, development, and deployment of web-based and Client-Server business applications, including 8 years in Full Stack Development role and 10 years of experience in Java development.
* Proficient with Amazon Web Services (AWS) Cloud platform with its features including EC2, SNS, EBS, S3, Lambda, EKS, CloudWatch, Cloud Trail **and IAM Security Groups that are utilized for different environments like dev, testing, Production.**
* Proficient in utilizing **J2EE** to build Web and Distributed Applications with a focus on technologies such as **JDBC, JSP, Servlets, Hibernate, Struts, and Web Services.**
* Responsible for designing and maintaining architecture for Restful **APIs, Third-Party API Integrations, employing Spring Boot**.
* Hands-on experience with **Java 8 features like Lambda expressions, Streams, Optional, Java Time API, Functional interfaces, and BASE64 encryption.**
* **Developed and maintained Kubernetes manifests using YAML for defining application deployments and configurations.**
* Demonstrated competence in **core Java concepts**, such as **Exception Handling, Collections, and Multithreading**. Experienced in using Synchronized collections and Concurrent Collections.
* DevOps Engineering experience on creating AWS resources using terraform code and pipeline creation using CI/CD on GitLab.
* Used **Java 11 to build modules and utilized Spring Boot framework to construct the microservices.**
* Skilled in developing single page web applications with **Angular**, TypeScript/**ES**, and **jQuery**. Proficient in managing HTTP access control CORS for cross-origin resource sharing.
* Data Engineering experience on **development ETL orchestration and data processing pipelines, workflows or services**
* Using EMR, EC2, **AWS Glue, AWS Open/Elastic Search, Step Functions, Lambda, S3, CloudWatch Event bridge, Python/ Py Spark, Snowflake.**
* Expertise in creating reusable components and services using **TypeScript within the Angular framework (Angular JS, 7,8,9 and Angular 11) to consume REST APIs.**
* **Implemented the Apache Kafka cluster as a messaging system between APIs and Microservices, as well as Java Message Service (JMS) to produce, transmit, receive, and read messages**
* Strong grasp of Object-Oriented principles like **Inheritance, Polymorphism, and Encapsulation**, with a commitment to applying SOLID principles in application development.

As a part of cloud technologies, I **worked on various clouds like AWS, GCP and Microsoft Azure.**

* Extensive experience in developing web, enterprise, and SOA applications using a wide range of Java technologies and tools, including **Core Java, OOAD, Multi-Threading, JavaBeans, JNDI, JDBC, Hibernate, JPA, Spring, various Web Services, XML, JSON, and more.**
* Worked with various version of Java like **Java 7, Java 8, Java 11, and Java 17.**
* Experience in Microservices architecture with **Spring Boot-based services interacting through a combination of REST and MQ and leveraging AWS to build, test and deploy Microservices.**
* Competence in using the Object Relational Mapping Tool Hibernate and strong proficiency in **XML** mappings and **Java** Objects.
* Strong understanding of **API technologies like OAUTH, SAML, Spring Boot, and Microservices**.
* Adept in multithreading and executor **framework, with practical experience in concurrent collections.**
* Extensive hands-on experience with **Spring Boot, Spring Core, Spring MVC, Spring ORM, Spring JPA, Spring Rest, and Spring Cloud (PCF) for web application development.**
* Proficient in Java Runtime **Engine with a focus on monitoring memory usage and management, including Garbage Collector algorithms like G1 (Garbage First).**
* Experienced in application integration using **Mule Soft ESB and IBM** Message Broker for service integration and orchestration.
* Strong knowledge of **Spring, IOC, AOP, Spring**, and **MVC** integration with Hibernate and Struts technologies.
* Expertise in developing Reliable and Real-time communications between microservices and applications using **Rest API, Graph, and Web Socket Programming.**
* Excellent knowledge of **API** Versioning and **API** documentation using Swagger and Open API Specification 3.
* Extensive experience in various **Spring modules, including Spring Boot, Spring Security, Spring AMQP, Spring Data JPA, and Spring Batch.**

**Bachelor’s in computer science from Jawaharlal Nehru Technological University, India.**

**TECHNICAL SKILLS**

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| --- | --- |
| **Languages** | Java 1.8, Java 11, Java 7J2EE, Kotlin, Python 3.6.0, Drools, SQL, PL/SQL |
| **Web Technologies** | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlets API 3.0 |
| **Frameworks** | Spring 4.3, Hibernate 4.3, Angular JS, 7,8,9,11, Spring Security 3.2, Spring MVC, Spring Boot, Spring Data, Spring Cloud, Spring Eureka, Thyme Leaf, Spring AOP, SpringOS, Spring Boot , Struts, Servlets, Java Swing, Django, Applets, Spark, JSF |
| **Design Patterns** | Singleton, DTO Pattern, DAO Pattern, Delegate Pattern, Service Facade, Factory Pattern, Front Controller Pattern, MVC Pattern. |
| **Application/Web servers** | Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, JBOSS |
| **Relational Databases** | Oracle 10g/11g/12c, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1, PostgreSQL 9.4.10 |
| **NoSQL Databases** | MongoDB, Cassandra, Couch DB, Neo4j, Cockroach DB |
| **Internet Technologies** | HTML 5, JavaScript 1.8, XML 2.0, JSON, CSS 3 and CSS 4, jQuery 2.11, BackBone.JS 1.3.1, Polymer.JS, Node.JS 6.0. |
| **Cloud Environments** | Azure, AWS, GCP, Netflix Eureka, Mesos, Kubernetes, Docker, IBM Cloud Private. |
| **IDE** | Eclipse, NetBeans 8.0.2, IntelliJ IDEA 2017.1, Spring Tool 3.8.3, WebStorm, Atom |
| **Operating system** | Windows 10, Linux Mint 18.1, Unix |
| **Messaging** | JMS MQ, IBM MQ, Rabbit MQ, IBM MQ 8.0, Apache Kafka |
| **Testing Tools** | JUNIT4.12, JMeter, Mockito, TestNG, Jasmine, Karma |
| **Reporting Tools** | Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0 |
| **Methodologies** | Agile, Waterfall, TDD (Test-Driven-Development), Scrum, Kanban |
| **Build Tools** | Ant 1.10, Maven 3.3.9, Gradle 3.4.1, Jenkins |
| **Version and Source Control** | GIT HUB, GIT, Bit Bucket, CVS, SVN, GITHUB 2.12.0 |
| **XML Technologies** | XML, XSLT, TCP/IP, LAN, WAN |
| **Web Services** | SOAP, WSDL, JAX -WS, JAX -RPC, REST, SAX/DOM parsers, Jersey, XML, XSD |

**WORK EXPERIENCE**

**GE,US|Feb-2024 – Present  
Sr. Full Stack Java Developer**

**Responsibilities:**

* Actively involving in Analysis, Design, Development, System Testing and User Acceptance Testing.
* Responsible for creating efficient design and developing User Interaction screens using Angular 4.0, HTML5, CSS3, JavaScript, jQuery AJAX and JSON
* Used latest features of ES6, ES7 by using asynchronous functionalities and arrow functions.
* Experience in working with the Columnar NoSQL Database like HBase, Cassandra to manage extremely large data sets.
* For Automation we have data in Hadoop database and that row data we are using Thought Spot for store data from Hadoop that are in table format and Thought Spot data display in UI.
* Well versed in installation, configuration, supporting and managing of Big Data and underlying infrastructure of Hadoop Cluster.
* Created custom directives in Angular 4 for re-usable components (multi-field form elements, background file uploads).
* Configured various routes, directives for grid, pagination, conditional validations, templating, dynamic loading, lazy loading, Shadow DOM, ngrx store.
* Using Component-based architecture provided by Angular 4 created Typescript reusable components and services to consume REST API's.'
* To simplify the making asynchronous calls to backend REST API's used Angular observables and listeners (RxJS reactive libraries).
* Implemented Sorting, Filtering and Pagination functionalities by developing data tables using AG-GRID.
* Worked with NPM package manager tools and created reusable templates using Angular directives.
* Implemented persistence layer using Hibernate framework to interact with Postgres database.
* Experience in building Bootstrap components for responsive UI objects to view render the virtual DOM dynamically by linking it to API data.
* Responsible for ensuring the pattern consistency across all pages.
* For the RESTful web services and middleware configurations used Express.js
* Used Angular to develop various Single Page Applications for making quick and incremental updates to UI of the application we used Built-in AJAX HTTP Service with observables.
* Used Node.js library NPM, gulp directories to generate desired view and redux to root the URLs properly.
* Programmed in Angular 4 to upload(post) files/images to the AWS S3 browser from the Front-end by installing NPM package of AWS-SDK.
* Worked on node.js router to make cross-domain requests to API services like Spotify API, GitHub API, Mongo DB.
* Worked with Microservice architecture using Spring Boot to modularized code.
* Implemented the associated business modules integration using Spring Boot and Spring Data MongoDB, Spring Data JPA.
* Worked in integrating JMS with SPRING BOOT by providing an instance which is embed with Active MQ.
* Called the Restful web service calls for POST, PUT, DELETE and GET methods.
* Used MongoDB to perform CRUD operations and Data Migrations.
* Performed JavaScript client-side validations.
* JUnit was used for unit testing and implementing Test Driven Development (TDD) methodology.
* For continuous integration and continuous deployment (CI/CD) used Jenkins. Used GIT for version control.
* Worked on Deployment Automation of all microservices to pull image from private Docker registry and deploy to Kubernetes Cluster.

**Environment:** Angular, HTML5, CSS3, JavaScript, jQuery AJAX, JSON, ES6, ES7, Typescript, Bootstrap4, ReactJS, Express.js, Restful, MongoDB, Jenkins, Spring MVC, Swagger2, Spring Cloud, docker, Kubernetes, ELK, OAuth 2.0, Junit, Cucumber, Protractor, Mocha, Chai.

**Adobe, Newark, DE | Nov 2021 – Jan 2023**

**Sr. Full Stack Java Developer**

**Responsibilities:**

* Involved in the **analysis, design, and development phases of the Software Development Life Cycle (SDLC) using Agile (SCRUM) development methodology to deliver regular updates to business team and project managers.**
* **Leveraged Java 17's security features, such as the latest cryptographic algorithms and security enhancements, to ensure the financial project meets industry-standard security requirements.**
* Implemented design patterns like **MVC, Singleton, Business Delegate, Factory, and Service Locator.**
* Developed and implemented a micro frontend architecture for a large-scale web application.
* Developed applications using **Reactive Programming, Spring Boot, Java 11, React JS, and features of java 8 as well (lambda expressions).**
* Profound experience in creating real time data streaming **solutions using Apache Spark /Spark Streaming, Kafka and Flume.**
* Hands-on experience with Multithreading, Exception Handling, Concurrency, Generics, **File Handling I/O, Data Structures and Collections, and Garbage Collection in Core Java.**
* Collaborated with cross-functional teams to ensure smooth integration of front-end and back-end systems.
* Utilized TypeScript's powerful type system to catch errors early, **improve code documentation, and facilitate collaboration within development teams.**
* **Utilized Helm for package management and simplifying the deployment of Kubernetes applications.**
* **Used Spring Core Annotations for Dependency Injection, Transaction management, Spring REST for REST**

**API’s, Spring Boot for micro services and Kafka as message broker and Cassandra as backend databases.**

* Created java processes and scheduler jobs to create ACH outbound file as per **NACHA** file formats facilitating payments and to parse the **ACH** Returns files.
* Design and developed a common interface to make payment by credit card and **ACH** using different payment gateways like **Cyber Source, ETS, Pay Pros, Sift4 seamlessly**.
* Conducted comprehensive testing and debugging to deliver high-performance and reliable TypeScript-based projects.
* Utilized **Kotlin programming language alongside Java to develop microservices, leveraging Kotlin's concise syntax and enhanced null safety features.**
* Experienced in upgrading to Spring RESTFUL **Microservices from Monolithic Services (SOA).**
* Worked on creating documents in **Mongo DB.**
* Used Spring Framework for developing and **implementing the web-based application following the MVC**.
* **Implemented Micro-services using Pivotal Cloud Foundry Platform Build upon Spring Boot Services.**
* Deployed applications on Pivotal Cloud Foundry through **Docker.**
* Skilled in **Core Java development** with a strong foundation in **object-oriented programming**.
* **Collaborated with cross-functional teams, including developers and DevOps engineers, to ensure smooth integration of Lambda functions within the overall system**
* Extensive experience in scripting with **Shell, Bash, and** **Python** for automation and task simplification on Unix/Linux platforms.
* Experience with **Kubernetes concepts such as Pods, Services, Deployments, Stateful Sets and Ingress.**
* Extensively used **Java 8 features such as lambda expressions, Parallel operations on collections, multithreading**, and for effective sorting mechanisms.
* **Also Worked with AWS SSO** with Okta for one of the services within the AWS cloud infrastructure, by giving temporary access to it in terms of certain roles and policies.
* Designed and developed front view components using **ReactJS, JSP, HTML5 and CSS3. Developed Interactive web pages using AJAX.**
* Used Spring Framework in the application, which is based on MVC design pattern. Developed Action classes and Form beans and configured the spring-**config.xml**.
* Developed user interface by using the **React JS, Flux for SPA development.**
* **Core Java with Concurrent API is** used extensively for parallel processing and chunk processing.
* Developed Java classes for implementing Business logics using EJB (Stateless session, entity, message driven beans).
* Created **WAR/EAR files using MAVEN build and deployed them on JBOSS and Tomcat server.**
* Developed Micro-services using Spring Boot and Spring Batch, that create, update, delete and get the assignment information from backend.
* Scripting and setup **of CI/CD pipeline to deploy and execute ETL utilities on AWS.**
* Developed Rest service for authentication using Spring Boot with embedded Tomcat server. Used spring boot for single sign on page application to access more quickly.
* Worked on creation of custom **Docker container images, tagging, pushing images, integration of Spring Boot.**
* Created and deployed data processing pipelines utilizing **Apache Spark** to perform extensive data analysis and machine learning operations at **scale.**
* Designed and developed Hibernate configuration and session-**per-request design pattern for making database connectivity and accessing the session for database transactions respectively.**
* Handled high data streams and made use of publish, subscribe, store, and process streams of records in a **fault-tolerant and scalable manner using Apache Kafka.**
* Developed automated test scripts using Selenium **WebDriver, reducing manual testing efforts**.
* Designed and developed **Web Services (SOAP, WSDL).**
* Created and compiled XML Schema to generate **Java Bean classes using Apache.**
* Troubleshot and resolved production issues in Kubernetes (**AKS**), minimizing downtime ensuring optimal performance.
* Leveraged Spring **JPA** for efficient data access and management, resulting in improved response times.
* Used **React JS** to create views to hook up models to the **DOM** and synchronize data with server as Single Page Application (SPA).
* Developed applications using the latest **Java/ J2EE** technologies and worked with the latest features of **Java 8 and Java Java 11**
* Led API integration efforts to connect diverse systems, ensuring seamless data exchange and enhancing business process.
* Used **XML** parser APIs (SAX) in the web service request response data marshalling as well as un-marshalling process.
* Involved in write application-level code to interact with **APIs, Web Services using AJAX, JSON, and XML.**
* Implemented Database access for **Mongo DB and MySQL.**
* Designed and Developed Stored Procedures, Triggers in Oracle to cater the needs for the entire application. **Developed complex SQL queries for extracting data from the database.**

**Environment:** Java 11**,Java 8, Core Java,** Spring, Spring Boot, Kotlin, Hibernate,Kafka,Tomcat, Docker, Jenkins, AWS, HTML5, CSS3, JavaScript, ReactJS, JSP, Eclipse, Oracle 11g, jQuery, Struts, AJAX, UNIX/ LINUX, SOAP Spring JPA, WSDL, XML, Kubernetes, Java Beans, Apache, Apache Spark, EJB, Maven, JBOSS, Log4J, MongoDB, SQL, Agile and Windows.

**Allegion,** **Carmel, IN | Jan 2020 – Oct 2021**

**Full Stack Developer**

**Responsibilities:**

* Involved in (SDLC) Requirement Analysis, **Design and Develop and Implement the application using J2EE technology**.
* Used new **Java 8 features, such as Lambda expressions, Streams, and Functional Interfaces**.
* Migrated some of the core services of the application from **Java 7 to Java 11** refactoring and replacing the deprecated modules and classes.
* Developed application using spring **MVC, Spring Batch, JSP, JSTL and AJAX** on the presentation layer, the business layer is built using **spring**.
* Designed and implemented **Kubernetes clusters on various platforms, including cloud providers and on-premises environments.**
* Implemented Micro-services using Pivotal Cloud Foundry platform build upon Spring Boot Services.
* Developed and implemented rule-based systems using **Drools and Java 11**.
* Conducted performance tuning and optimization of Drools rules for improved runtime efficiency.
* Created functions and assigned roles **in AWS Lambda to run python scripts, and AWS Lambda using java to perform event driven processing.**
* Developed DAO objects and implemented data access layer using **JPA-Hibernate to perform CRUD .**
* Implemented **TDD** practices throughout the **software development lifecycle**, resulting in improved **reliability and faster** **debugging**.
* Integrated Drools with the existing **Java** application to enhance decision-making capabilities.
* Developed the UI Screens using **JSP, JavaScript and HTML5 and did the client-side validation with the JavaScript.**
* Used ReactJS to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server using **Bootstrap and ReactJS.**
* Proficient in **Apache Spark for large-scale data processing and analytics**, **with hands-on experience in developing Spark** applications using **Scala and Python**.
* Strong background in software development on **Unix/Linux environments, utilizing** tools like Git and Docker for seamless development workflows.
* Involved in designing and executing **test cases, test scripts, and test suites** using Selenium and programming languages like **Java or Python.**
* Worked with the Struts framework updating and migrating the framework with the Spring boot implementation of the existing legacy application.
* **Used Kibana for distributed logging mechanism and tracing the system failures.**
* Involved in writing application-level code to interact **with APIs, Web Services using AJAX, JSON, XML, and ReactJS.**
* Used **Java 8 feature called Stream API for Bulk Data** Operations on Collections using both streams and parallel streams.
* Designed and implemented **Kafka** Connect to integrate external data sources with **Apache Kafka.**
* Involved in deploying systems on Amazon Web Services (**AWS**) Infrastructure services **EC2**.
* Documented API specifications, integration processes, and troubleshooting guidelines for internal teams and clients.
* Provisioned Amazon EC2 instances and have knowledge on all resource areas of **EC2** like **Instances, Dedicated hosts, volumes, Key pairs, Elastic IP's, Snapshots.**
* Experienced in Amazon AWS Cloud infrastructure services like **EC2, VPC, S3, SNS, SQS, IAM, RDS, SES, Fargate, Route53, Cloud Watch, Cloud Front, Elastic Load Balancers and Cloud.**
* Used AWS Fargate with **AWS ECS** to run containers without having to manage servers or clusters of Amazon **EC2** instances.
* Utilized Polymer's data binding features to maintain real-time synchronization between **data and UI components.**
* Deployed the application on Amazon Web services (**AWS**) and used it to provide a large computing capacity for scalable solutions.
* **Applied filters, transformations, and mappings** within Logstash to ensure data quality and consistency before sending it to Elasticsearch for indexing and analysis.
* Skilled in troubleshooting and resolving system **issues, including debugging software problems and optimizing system resources.**
* Created the **Docker containers and Docker** consoles for managing the application life cycle.
* Used **JMS** for the asynchronous exchange of critical business data, for event driven design and events among **J2EE components and legacy system.**
* Involved in coding, maintaining, and administering **EJBs, and JSP** components to be deployed on a WebLogic application server.
* Extensively used Spring **JDBC** template and hibernate for performing Database Transactions.
* Designed and developed data-driven applications utilizing JDBC to connect Java applications with **relational databases, ensuring efficient data retrieval and manipulation.**
* Experience in working on cloud-specific AWS technologies including IAM, Simple Storage Services (S3), Elastic Bean Stalk, Virtual Private Cloud (VPC), RDS and Cloud Watch.
* Designed and developed a product portfolio website using **React JS, HTML, and CSS** to showcase a product info.
* Worked with **Apache Kafka and Spring Boot Starter Email to send notifications and messages across the microservices architecture.**
* Involved in Unit testing of application using JUnit and built the package using Maven and deployed the application on to **WebLogic App Server.**
* Involved in creating, **modifying SQL queries**, prepared statements and stored procedures used by the application.

**Environment**: Java 8, Java 11, Spring, Spring Boot, Struts, Hibernate, Kafka, Spring JPA, HTML5, CSS3, JavaScript, Kibana, Elastic Search, Micro-services, JSP, Unix/ Linux, JMS, ReactJS, JDBC, Okta Single Sign-On (SSO), AJAX, JSON, XML, DAO, SOAP, TDD, Java Beans, Docker, Kubernetes, Jenkins, Polymer JS, Maven, EJB, Log4j, JUnit, AWS, Apache Spark, Scala, Python, MongoDB, SQL, Agile and Windows.

**Intel Corporation, CA. | May 2018 – Dec 2019**

**Full stack developer.**

**Responsibilities:**

* Interacted with the business analysts to gather and **understanding functional design specifications for the requirements.**
* Used Spring Framework for **front end development and spring** validator framework for front end data validation.
* Used Spring Framework for **Dependency Injection and integrated it with the Hibernate.**
* Designed and developed Micro **Services business components using Spring Boot and deployed in the cloud.**
* Used spring framework modules like **Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security and Spring Boot and did integration to Micro services into existing system architecture.**
* Developed UI pages using **HTML5, Angular 7, Bootstrap, CSS4, JavaScript, jQuery, AJAX and Node.js.**
* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular 7.**
* Designed and implemented containerized applications using **AWS ECS, enabling seamless deployment, scaling, and management of Docker containers.**
* Implemented stream processing applications using **Kafka Streams API** to perform real-time analytics on incoming data.
* Integrated various Azure services, including Azure Virtual Machines, Azure App Service, Azure SQL Database, and Azure Kubernetes Service (AKS), to support different aspects of the project.
* Collaborated with cross-functional teams to identify and resolve performance bottlenecks within the **Kafka** infrastructure.
* Created Res-useable components**, Custom Modules, Custom Directives, Pipes, and Services in Angular 7.**
* Integrated third-party libraries and APIs seamlessly, taking advantage of TypeScript's type declarations for enhanced compatibility and developer productivity.
* Collaborated with development teams to ensure seamless integration of applications on **WebLogic Server**, resulting in improved **system stability and reduced downtime**.
* Used **GCP** as the Cloud Architecture for a module in the application host procedure.
* Implemented Spring **JDBC** to interact with the databases from the Spring boot applications.
* Developed the Web Interface using spring**, HTML5, CSS3 and JavaScript**.
* Manage configuration of **Web App and Deploy to AWS cloud server through Chef.**
* Utilized Java Drools to develop and **implement complex business rules**, enabling automated decision-making and enhancing system performance.
* Collaborated with stakeholders to gather requirements and translate them into **Drools rules**.
* Monitored and optimized application performance using **GCP's Stack** driver monitoring and logging services.
* Used Jasper for generating analytical reports of the entities in the process of development.
* Implemented and tested the enterprise application **with jQuery, AngularJS, and Spring MVC**.
* Successfully managed data warehousing projects, resulting in improved **data accessibility and insights**. Collaborated with cross-functional teams to integrate **Big Query** into data-driven decision-making processes.
* Collaborated with the QA team to develop test plans and ensure the reliability and performance of API integrations under different scenarios.
* Moving existing monolithic architecture to **Micro services and migrating them to AWS cloud.**
* Used the J2EE design patterns **like Value Object Pattern, Business Delegate, Service Locator and Session Façade, Singleton, Factory and DAO.**
* Implemented Docker-based deployment of Java applications within JBoss application server containers, improving application scalability.
* **Designed, developed, and implemented API integrations using RESTful and SOAP protocols**, enabling real-time data synchronization between applications.
* Developed web services **SOAP, WSDL and web services clients using JAXB and XML,** implemented SOA architecture.
* Created Data Source and deployed web application in the **IBM** WebSphere application Server.
* Developed and implemented data processing pipelines using **Apache Spark** for large-scale data analysis.
* Developed material and trained multiple teams at organizations on DevOps on multiple platforms such including Azure DevOps, Jenkins, Octopus, and others for on prem and cloud architecture.
* Wrote test cases in JUnit for unit testing of classes.
* Involved in **RDBMS** database design using **SQL**, to write Stored Procedures, **Functions, Triggers, prepared Statements.**
* Actively participated in daily **SCRUM** meetings to produce quality deliverables within time.

**Environment**: J2EE, Spring, Spring Boot, Node.js, AngularJS, JBoss, Angular 7, Hibernate, JDBC, Apache Spark, BigQuary, DOM, GCP, SOAP, WSDL, JAX-B, XML, IBM WebSphere, WebLogic, Jasper, EJB, Log4j, JUnit, SQL, Agile, Windows and Azure.

**HTC Global Svc, Michigan. | Oct 2016 – Apr 2018**

**Full Stack Developer**

* **Responsibilities:**
* Developed front end screens using **Bootstrap, JTable, GSP, HTML, JavaScript, and CSS.**
* Involved in Client-side validation using **JavaScript and jQuery**.
* Involved in Design Implementation using **JSP, Servlets and Web Development.**
* Developed and maintained server-side applications using Node.js, handling thousands of concurrent connections and ensuring optimal performance.
* Worked on the backend services using **Node.js,** delivering responsive and **scalable APIs** that served monthly active users.
* Used **React JS** to develop a single page web application for displaying certain business information to the stakeholders.
* Implemented application using **MVC** design pattern.
* Experience in migrating the AWS RDS database to host on EC2 instance for enhanced cost savings.
* **GGTS used as Java IDE tool for creating XML and Groovy (GSP).**
* Deployed **WAR, EAR and JAR** files in **JBOSS** application server.

**Environment**: Java 7, JavaScript, Node.js, React, CDI, React JS, HTML, CSS, XML, Bootstrap, Servlets, SQL, JBoss, AWS, Oracle, Mongo DB, Jenkins, Maven, Git, Agile, JIRA, Elastic Search.

**MasterCard, O Fallon, MO**. | **Apr 2013 - Sep 2016**

**Sr. Java/J2EE Developer**

* **Responsibilities:**
* Involved in developing **Web interface using JSP, JSP Standard Tag Libraries (JSTL)** using Spring Framework.
* Used **Java** Drools to develop a rule-based system for automating the complex business flow of the applications.
* Responsible for maintaining and expanding AWS (Cloud Services) infrastructure using AWS Stack especially worked with database setup and maintenance on AWS EC2.
* Contributed in a microservices architecture using Spring and Docker, resulting in a more scalable and maintainable system.
* Experience in using **PCF Ops Manager/BOSH to deploy and manage cloud foundry.**
* Presentation tier was developed using **JSP, JSTL, Java Script, and HTML.**
* Successfully integrated **third-party APIs, including payment gateways, social media platforms, and external services, expanding application functionality.**
* Performed **Client-side validations using Java script.**
* Developed the business objects using **EJB and User Interface using JSP and Servlets.**
* Used IBM Cloud Services such as such as **IBM Watson, IBM MQ, IBM Cloud Functions, IBM Cloud Object Storage, IBM Cloud Private, IBM Cloud Databases, and IBM** Cloud AI to enable scalable and innovative applications.
* Developed an application to perform CRUD operations using Java 8 on MySQL and Designed Web Application to connect to User Pool, create users and verify login using AWS Cognito for security.
* Experienced in integrating **IKS with other IBM** Cloud services and tools to streamline deployment workflows and enhance overall system performance.
* Created Hibernate mapping files to map with the data base tables and **Java objects.**
* Worked on Pivotal Cloud Foundry (PCF), Google products and Docker container service.

**Environment**: Java, Core Java, spring, Hibernate, Azure, JSP, Servlets, IBM WebSphere, IBM Watson, IBM Cloud Functions, IBM Cloud Private, IBM FTM, IBM MQ, Pivotal Cloud Foundry (PCF), Jasper, JSTL, JSF, Eclipse, YAML, Shell, Scripting, Java Beans, HTML, IBM DB2, JavaScript, Ant, SQL, Cloud Foundry and