**Sneha
Lead Java J2EE / Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* Seasoned IT professional with extensive experience in Java and J2EE technologies, specializing in developing, implementing, and maintaining web-based applications. Demonstrated expertise in Android application development using Java and Kotlin, with a solid background in both consumer and enterprise environments. Proficient in various SDLC methodologies, including Agile (TDD, SCRUM), and Waterfall.
* Worked and learned a great deal from Amazon Web Services (AWS) Cloud services like EC2, S3, EBS, RDS, VPC, and IAM.
* Involved in using ReactJS components, Forms, Events, Keys, Routers, Animations, and Flux concepts.
* Deep understanding of object-oriented principles and JavaScript, with experience in Java/J2EE design patterns (e.g., Singleton, MVC, DAO). Well-versed in core Java concepts such as collections, multithreading, and serialization. Adept at designing and developing software applications using Java, J2EE, EJB, JSP, JSF, Servlets, and ORM frameworks.
* I am skilled in building and integrating RESTful services with JAX-RS, Jersey, and Spring Boot and experienced in SOA integration projects utilizing SOAP and RESTful web services. Strong knowledge of microservices architecture and hands-on experience developing Spring Boot-based microservices with modern CI/CD tools and deploying on AWS.
* Used React JS to create views to hook up models to the DOM and synchronize data with the server as a Single Page Application (SPA)
* Deployed Docker-contained spring boot-microservices into Spring EC2 container service using AWS admin console.
* I am experienced in front-end development with HTML5, CSS3, JavaScript, and frameworks like AngularJS, ReactJS, and EmberJS. I am proficient in creating dynamic, responsive user interfaces and connecting backend APIs with JSON.
* Hands-on experience with Mule ESB for implementing SOA and EAI solutions and deploying applications using Cloud Hub. Skilled in using integration tools such as Jenkins, GitLab, and Azure DevOps for CI/CD pipelines.
* Extensive experience with multiple databases, including MongoDB, Cassandra, MySQL, Oracle, and MS SQL Server, and familiarity with cloud platforms like AWS and Google Cloud services. Proven ability in designing scalable applications and integrating various third-party solutions.
* Solid Experience in creating Kubernetes Clusters in AWS and deploying a Docker Image on top of Kubernetes Cluster.
* Created the React JS components and triggered Angular code to render the React components using life cycle hooks.
* Used React JS to create views to hook up models to the DOM and synchronize data with the server as a Single Page Application (SPA) and React-Redux Thunk to make REST API calls.
* Expertise in using development tools and servers such as Eclipse, WebSphere, WebLogic, Apache Tomcat, and Jenkins. Demonstrated expertise in test planning and execution, with experience in unit, integration, and user acceptance testing.
* Developed API for using AWS Lambda to manage the Serverless architecture and run the code in AWS.

**TECHNICAL SKILLS:**

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| **Operating system** | Windows, Unix (Linux). |
| **Java & J2EE Technologies** | Java, J2EE, JDBC, Hibernate, Servlets, Spring Framework, Java Beans, Web Services. |
| **Framework** | Spring, Spring Boot, Spring Security, AOP, Android application platform. |
| **ORM Tools** | Hibernate |
| **JavaScript’s /** **Unit Test Frameworks.** | Angular 9.x/8.x/7.x/6.x/5.x/4.x/2.x/1.x, ReactJs, BackboneJS, NodeJS, AngularJS, ExtJS, ExpressJS, KnockoutJS, VueJS, Karma/Jasmine, BootstrapJS, Typescript, Mocha/Chai, Angular Mock. |
| **Databases** | Oracle, DB, MySQL, NoSQL, Realm Studio |
| **IDE/ Testing Tools** | Eclipse, IntelliJ, Visual basic, SOAPUI |
| **Cloud Service Provider** | Amazon Web Services (AWS), Microsoft Azure |
| **Web Services** | SOAP, React JS ,REST ful, JAX-RS, Micro Services |
| **Software Configuration Management Tools** | SVN, CVS, TFS, Git, and Bitbucket. |
| **Build Scripts** | Gradle, Maven, Ant, Jenkins. |
| **Methodologies** | Waterfall, Agile & Scrum |
| **Defect Tracking Tools** | Bugzilla, Jira, Confluence, Firebug. |
| **Others** | Log4J, JUnit, Ant, Maven, Visual Studio, Postman. |

**PROFESSIONAL EXPERIENCE:**

**Amazon
Lead Full Stack Java Developer July 2022-June 2024**

**Responsibilities:**

* Designed, developed, and configured software applications, packages, and components tailored to specific needs and requirements.
* Created technical documents, maintained Confluence pages, and handbooks to accurately represent application design and code flow.
* Developed and implemented REST APIs using Python and MySQL.
* Used React Js to implement rich functions in various pages, form validation, crud, grid list, search, sort, multi-selection, authentication, and unit tests.
* Developed Single Page Applications (SPAs) for a Voice platform using Angular 5, later updating to Angular 7 and 8.
* Utilized Dependency Injection and Inversion of Control (IOC) for obtaining bean references. Developed Spring Boot applications and microservices deployed on AWS EC2 instances.
* Designed APIs for Java-based microservices and deployed them on Apigee to ensure high availability and scalability in cloud or hybrid environments.
* Built UI components, developed filters, and font size modifiers. Developed container components as the logic layer for the UI. Created SPAs for risk analysis and fraud prediction, using React-Router, Reflux, and other tools. Developed Web APIs using NodeJS, hosted on load-balanced instances.
* Gained knowledge on this NodeJS/Web platform built on ReactJS and HapiJS frameworks.
* Designed User Interfaces using HTML5, CSS3, AngularJS 4, TypeScript, and Microservices.
* Developed multiple Android applications using Kotlin, following MVVM and MVP patterns. Implemented complex UI/UX designs using XML and Jetpack Compose. Utilized Android Jetpack components like Live Data, View Model, Room, and Navigation. Integrated third-party libraries and APIs using Retrofit, OkHttp, and Glide.
* Worked with Docker, Kubernetes, and OpenShift. Configured alerts for servers, OS, OpenShift platform, components, and applications.
* Designed and implemented Oracle database schemas for Java-based applications, optimizing data storage and retrieval performance.
* Developed, secured, and scaled RESTful APIs through Apigee API Gateway to ensure high performance and reliability of backend Java applications.
* Functioned as a J2EE developer, actively participating in all stages of the development lifecycle, from requirement analysis to deployment and testing.
* Managed API design, deployment, and monitoring using Google Apigee to facilitate communication between Java-based microservices and external clients.
* Developed web applications using the Struts MVC framework, and designed JSP pages using Struts2 to enhance user interfaces.
* Enforced security policies such as rate-limiting, IP whitelisting, and spike arrest using Apigee Edge, ensuring protection from API threats.
* Implemented Spring Framework features including Core, AOP, and REST, and managed Dependency Injection using ApplicationContext.xml and Autowired annotations
* Used Bootstrap and React.js and Node.js in effective web design.
* Developed REST APIs using Spring MVC and Spring Boot. Hosted microservices on PCF and performed smoke tests.
* Created dashboards and graphs using Prometheus and Grafana, with Terraform/Ansible setup for various targets like Kafka, Spark, MySQL, node exporters, etc.
* Used Apigee to create and manage API gateways and for managing legacy applications and analytics. Managed APIs with Apigee Edge.
* Developed complex PL/SQL stored procedures, functions, and triggers to automate business logic and data manipulation within Oracle databases.
* Deployed and configured firewall appliances (Barracuda, Palo Alto, Fortinet) to secure Azure Cloud.
* Developed build and release pipelines in VSTS for DevOps CI/CD processes.
* Designed Kafka topics and partitions for batch processes. Developed Kafka Producer and Consumer components.
* Hands-on experience with Selenium and Jasmine. Performed regression testing across multiple browsers and environments using Selenium, employing testing annotations and Maven integration.
* Worked extensively on SQL queries, stored procedures, materialized views, functions, and triggers using MySQL and TOAD. Created Linux cron jobs and shell scripts for SQL storage. Expertise in JUnit and Selenium Testing.
* Migrated legacy EJB-based SOAP APIs to Golang-based REST services. Used Kotlin Coroutines and Flow for managing asynchronous operations and reactive programming.
* Written automated unit tests in Golang for API code.
* Onshore Team Leader reporting to Scrum Master, leading sprints with offshore teams. Followed Agile methodology and led Scrum teams using JIRA.

**Environment**: Java 8, javafx, J2EE, JDK, HTML/HTML5, CSS/CSS3, React Js, Spring4, spring boot, Spring MVC, MVVM, GraphQL, Kotlin, Hibernate, JavaScript, jQuery, PHP, AJAX JSON, Angular 2, AngularJS, ReactJS, Bootstrap, Responsive design, RESTful, Multithreading, Apache Tomcat, Maven, MySQL, LINUX.

**Liberty Dental
Lead Java Full Stack Developer Aug 2020-July 2022**

**Responsibilities:**

* Designed and developed integration, business, and service layers to meet business requirements.
* Interacted with team members to understand the business domain and assisted in solving technical problems.
* Worked extensively in developing Android applications.
* Designed, developed, configured, programmed, and implemented software applications, packages, and components customized to meet specific needs and requirements.
* Implemented microservices architecture using Spring Boot. Developed and set up microservices for standalone systems like store services and exception services. Built RESTful web APIs with Spring and Spring Boot, and tested APIs using Postman.
* Involved in analysis and design phases of the Software Development Life Cycle (SDLC). Followed Agile methodology, led Scrum teams, and used JIRA for project management.
* Integrated Apigee analytics to monitor API performance, identifying latency issues and improving response times for Java microservices.
* Ensured data security by implementing Oracle database-level security measures, such as user roles, permissions, and encryption for sensitive data in Java applications.
* Used Spring framework to implement MVC design patterns and developed the Admin UI module using Spring MVC architecture. Utilized AJAX with JSON for intensive user operations and JavaScript for client-side validations.
* Worked with Angular 7 modules, services, templates, directives, and dependency injection to create SPAs. Updated applications with new Angular 7 features such as Angular Elements, ng-templates, and Drag and Drop. Extensively used Angular CLI for creating components, services, pipes, and directives.
* Developed POCs on Kotlin and migrated projects to Kotlin for better app performance.
* Used Kotlin programming in Android Studio with autocomplete, lint checker, refactoring, and debugging.
* Implemented REST microservices using Spring Boot. Generated metrics with method-level granularity and persistence using Spring AOP and Spring Actuator.
* Managed multiple microservices built in Java using Apigee for orchestration, routing, and scalability in a cloud-native environment.
* Developed and maintained websites using HTML5, CSS, AJAX, jQuery, JavaScript, AngularJS, and Node.js. Structured JavaScript code with Node.js to build endpoints.
* Wrote SQL scripts and created backend database tables for complex business operations. Built web services using SOAP for integrating business applications with legacy systems and facilitating future applications.
* Gained exposure to Angular 2.x and TypeScript during the migration from Angular 1.5 to Angular 2.x.
* Provided Hibernate configuration and mapping files, and integrated Struts with Hibernate libraries.
* Developed a web application for connecting care providers and members using Node.js, exposing services as REST web services.
* Developed and consumed RESTful services and SOAP APIs for effective data integration and communication with external systems.
* Utilized Tableau for creating data visualizations and charts, enhancing data presentation and decision-making processes.
* Applied multiple JEE design patterns such as Business Delegate, Facade, Singleton, and Factory Method to optimize code structure and reliability.
* Implemented Oracle Data Guard to create and manage standby databases, ensuring business continuity and disaster recovery for Java-based systems.
* Used Selenium WebDriver for automated regression testing and contributed to developing an automation framework using Selenium WebDriver and TestNG for generating reports.
* Used Reactive (RxJS) library for subscribing to observable responses received from HTTP requests to backend web API calls.
* Built reusable UI components using ReactJS. Developed React components for standalone functions needed for future pages. Utilized React concepts like Forms, Events, Keys, Router, Animations, and Redux.
* Performed routine management operations, configuration, and performance analysis for MongoDB. Implemented point-in-time backup and recovery using MMS and data modeling for optimal reads and writes.
* Developed a user provisioning script using Node.js, including fetching files from SFTP servers and creating users in LDAP and databases using REST API calls.
* Implemented Spring framework (MVC) and developed Action Servlet and Action Form beans.
* Managed source repository using Git, Bitbucket, and SVN for version control. Used CVS within RAD/WSAD for source control.
* Used MuleSoft connectors (HTTP, File, Scatter-Gather, Choice, Poll, Web Service Consumer, Transform Message, Variable, Session Variable, Splitter, Aggregator, batch components) to create APIs.
* Created and deployed applications, conducting unit testing by writing JUnit test cases.
* Knowledgeable in Amazon Web Services (AWS) including EC2, S3, Simple DB, CloudWatch, SNS, SQS, Lambda, and more.
* Worked on automation and CI/CD processes with GitLab, Octopus Deploy, Code Pipeline using Jenkins. Implemented a continuous delivery pipeline with Jenkins and GitLab, automatically building whenever a new GitLab branch is started.
* Utilized CloudWatch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, DynamoDB tables, and EBS volumes.

**Environment**: Java 8,J2EE, JDK8,JavaFx, HTML/HTML5, CSS/CSS3, Ajax, Spring3,spring boot, Hibernate, Web Services (SOAP), JMS, JavaScript, jQuery, PHP, AJAX JSON, Angular 2, AngularJS, Bootstrap, Dreamweaver, Responsive design, RESTful, Multithreading, Apache Tomcat, Maven, Scala 2.12,Spark,Hadoop,Amazon EC2,Amazon S3,VPC,

**M&T Bank
Senior Java Full-stack Developer Sept 2018- Aug 2020**

**Responsibilities:**

* Engaged in Agile and iterative development processes, employing Scrum concepts for analysis, design, coding, testing, implementation, and production support.
* Utilized design patterns such as Singleton, Data Transfer Object (DTO), Data Access Objects (DAO), Front Controller, and Adapter for component development.
* Crafted complex UI screens using HTML, CSS, AJAX, JSP, jQuery, and JavaScript to support request management and search/filter modules.
* Leveraged JSP, Struts, HTML5, CSS3, Swing, and JavaScript to develop GUIs, simplifying application complexities.
* Constructed dynamic and responsive web flows with AngularJS controllers, services, custom directives, and AJAX calls.
* Extended Apigee functionality by implementing custom policies and Java-based scripts for advanced use cases.
* Applied client-side validations using JavaScript and server-side validations through Struts Validation Framework.
* Engineered microservices with Spring MVC, Spring AOP, Hibernate, Spring Batch, and SOAP web services.
* Exposed and consumed SOAP-based web services, using SOAP UI for testing.
* Addressed logging and monitoring mechanisms with Spring AOP.
* Implemented SOA with web services using SOAP, WSDL, and XML, while adopting J2EE patterns like Service Locator and Session Facade.
* Migrating applications to AWS and application deployment in the cloud (AWS) with CI/CD tools like Jenkins and Maven.
* Implemented modular approaches for the backend on AWS and implemented interfacing with Postgres SQL.
* Used Continuous Delivery / Continuous Integration (CD/CI) tools Docker, and Jenkins to deploy this application to AWS.
* Developed dynamic batch processing features using Spring Batch.
* Utilized Hibernate for persisting Java objects to relational databases.
* Created tables, views, indexes, synonyms, materialized views, stored procedures, and packages using Oracle tools like SQL\*Plus.
* Transferred tables across schemas and databases using SQL and PL/SQL scripts.
* Developed SOAP-based web services for integrating with the Enterprise Information System (EIS) tier.
* Accessed JSON objects from the server side using jQuery.
* Employed ANT for compiling and building JAR files. Deployed applications on WildFly Server, making necessary configuration changes.
* Managed source code with SVN.
* Tracked bugs, project issues, and environmental issues using JIRA.

**Environment**: JavaScript, jQuery, AJAX, HTML3, JSP, CSS3, SASS, Angular JS, J2EE, Spring 4.x, Hibernate 4.x, Web Services, SOAP UI,XML, WSDL, PL/SQL, Agile Methodology, JIRA processes, SVN, Design Patterns, WebSphere MQ, Eclipse IDE.

**USAA**

**Java/J2EE Developer Oct 2016- Sept 2018**

**Responsibilities:**

* Designed and developed J2EE web-based consumer applications using Spring, DHTML, and Ajax. Created UI screens with HTML, CSS, JSP, and JavaScript.
* Utilized Apigee to create and manage API gateways for modern connected apps and legacy applications. Managed APIs and analytics with Apigee Edge.
* Developed applications using Java Server Faces and Ext JS tag libraries, integrating Ext JS 3.x with Spring and Ext Direct.
* Architected and implemented a Single Page Application (SPA) in AngularJS, consuming JSON from a Spring MVC backend and securing the application with Spring Security.
* Developed Struts form beans, action classes, JSPs, and tiles following Struts framework standards.
* Integrated Mule ESB system using ActiveMQ, HTTP, file system, and SFTP transports. Designed and developed mediation flows with MuleSoft Any point Studio.
* Employed a microservice architecture with Spring Boot-based services, interacting through REST and Apache Kafka endpoints. Developed new libraries and microservices using REST APIs and Spring Boot.
* Worked extensively with Angular CLI for creating components, services, pipes, and directives. Upgraded from Angular 4 to Angular 5, implementing nested views and routing using Angular UI Router.
* Developed GUIs using JSP, HTML, AngularJS, and reusable components with AngularJS custom directives, filters, services, and partials. Implemented AngularJS directives, expressions, and Angular UI components like grids, buttons, carousels, and date pickers.
* Defined new validations in AngularJS for form field validation with HTML5. Developed and maintained websites using HTML5, CSS, Ajax, jQuery, JavaScript, AngularJS, and Node.js.
* Added features to utility applications and verification monitoring tools, verifying application statistics using AngularJS, Node.js, and Bootstrap.
* Engaged in TSQL programming, identifying data sources, constructing data decomposition diagrams, providing data flow diagrams, and writing code for database access, modifications, and stored procedures.
* Gained experience with Embedded SQL and C Sybase Open servers and remote procedures.
* Supported existing applications of DTCC RISK engine, such as FIR, IMM, NYPC VAR, and SPAN.
* Wrote queries, stored procedures, and modified existing database structures for new features. Used Perl scripting for data validation.
* Implemented transformations, routing, and messaging using ActiveMQ and JMS. Worked on MongoDB concepts such as locking, transactions, indexes, sharding, replication, and schema design.
* Configured WebSphere servers, database connections, and participated in backend database programming using Oracle. Developed SQL queries with Toad for SQL Server.
* Used AngularJS routing for navigation between nested HTML views and created custom directives for DOM manipulation.
* Created Spring MVC components like dispatch servlets, request mapping annotation controllers, and view resolver components. Implemented transaction management using Spring declarative transaction management and Spring AOP concepts.
* Implemented version control with SVN and Jenkins for continuous integration. Wrote build and deployment scripts using Ant and Maven in a UNIX environment.
* Possessed expert knowledge of Microsoft’s proprietary SCOPE language for data-related operations on the Microsoft Internal COSMOS platform, used for Azure Compute, Azure Storage, Azure SQL, and Azure DocDB.
* Used GIT for version control, Eclipse as the IDE, and Rational ClearQuest for defect fixing. Mentored new contractors to understand the application.

**Environment**: Java1.7/J2EE, Struts Framework 2.0, JDK, HTML/HTML5, CSS/CSS3, AWS , Ajax, Angular UI, jQuery, ExpressJs, JavaScript, AngularJS, Node.js, Bootstrap, Oracle, JSP 2.0, Spring 3.0, Hibernate3.0, PL/SQL, JMS, RESTful, Multithreading, WebSphere, Apache, Maven, AWS EC2,Dynamo DB,EBS,S3.

**CVS Health,
Java Developer Nov 2015- Oct 2016**

**Responsibilities:**

* Engaged in creating user interfaces with HTML5, CSS3, SAAS, JSON, and AJAX, and employed Node.js for server-side technology.
* Leveraged the Bootstrap framework for rapid and efficient web development, ensuring website design and content were consistently up-to-date.
* Built the DAO layer for existing applications using Spring and Hibernate, developing business logic and reports with HQL and Hibernate Criteria.
* Provided implementation support, troubleshooting, and updates for applications running on Linux/UNIX servers.
* Created POJO classes to map database tables to Java objects.
* Developed single-page applications and custom directives using Angular 2.0.
* Implemented OAuth 2, a lightweight authentication framework, to generate access tokens for protected resources.
* Designed and developed Spring Boot adapter applications using REST APIs.
* Built RESTful service interfaces with Spring Boot for underlying Agent Services API and implemented RESTful web services.
* Experience in setting up the life cycle policies to back the data from AWS S3 to AWS Glacier, Worked with various AWS, EC2, and S3 CLI tools.
* Utilized SOAP UI for testing and automating web services by sending SOAP requests.
* Configured logging, auditing, and security using Spring Aspects and Spring Security.
* Developed standalone microservices following Spring Boot microservice architectural patterns.
* Enhanced microservice implementations with Spring Boot properties like actuators and health checkers.
* Documented Spring RESTful APIs using Swagger to aid customer understanding of APIs.
* Integrated Spring with Hibernate for data access from MySQL databases.
* Handled unstructured data with Cassandra DB and used Cassandra Connector for database connections.
* Composed and executed Cassandra DB scripts and queries to fetch and test data from NoSQL databases.
* Employed Apache Kafka for reliable and asynchronous message exchange between multiple business applications.
* Used Jenkins for continuous deployment and integration in the build and release process.
* Extensively utilized GIT for version control, regularly pushing code to GitHub.
* Used MAVEN for Project building, dependency management, and documentation based on the project object model (POM).

**Environment:** Angular JS, HTML5, CSS3 JSON, XML, Active MQ, JMS, Hibernate, JAX-RS, JPA Framework, Spring Rest, Spring MVC, Spring Security, Hibernate, Spring Transactions, Spring Batch, Spring IOC, Mule ESB, Jenkins, Git, Active MQ, Jenkins, JIRA.

**Sony
Software Engineer March 2013 – Nov 2015**

**Responsibilities:**

* Developed the web tier using JSP and Struts MVC, implementing event handling with Java and JavaScript.
* Created and maintained the configuration of the Spring Application Framework (IOC).
* Developed customized Spring Multi-Action controllers for handling similar operations and configured Spring and Spring JDBC frameworks to develop a full-fledged MVC and DB interaction application.
* Implemented various design patterns, including Singleton, Business Delegate, Value Object, and Spring DAO.
* Performed unit testing using the JUnit framework and Clover tools.
* Developed the graphical user interface using JSP, JSON, Node.js, HTML5, CSS3, JavaScript/jQuery, Bootstrap, and AJAX.
* Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Excellent in deploying the applications in AWS as EC2 instances and creating snapshots for the data that had to be stored in AWS S3.
* Involved in creating web services, WSDL, and web methods with Annotation in Hibernate, implementing web services in JAXP based on SOAP protocols using XML and XSLT.
* Worked on providing security to the application by configuring users and roles in LDAP.
* Configured WebSphere 6.0 Server for deploying web and business components.
* Developed applications using Eclipse and utilized Ant as the build and deploy tool.
* Configured Log4J to log warning and error messages.
* Used Oracle as the database and Toad for query execution, writing SQL scripts, and PL/SQL code for procedures and functions.
* Utilized SVN for version control and SharePoint for managing work tasks.

**Environment**: JAVA, J2EE, JSP, jQuery, Servlets, JDBC, PL/SQL, Struts MVC, Spring IOC, Hibernate3.0, Oracle, HTML, Web Sphere 6.0, Oracle 10g, Toad, My Eclipse, and SVN.