

JAVA FULL STACK DEVELOPER

SANGEETHA J

PROFESSIONAL SUMMARY:

- Experience in providing full life cycle solutions for applications and expertise in Software Design, Development, and Testing with expertise in JAVA, Spring Boot, Spring MVC, Hibernate, SQL, Bootstrap, Angular, TypeScript, HTML5, CSS3, and JUnit.
- Worked on all phases of the Project and Product development life cycle including System Study, Analysis, Design, Development, Integration, Testing, Deployment, Maintenance, and Documentation. • Configured and developed web applications using Spring MVC, Spring Boot, Spring Security, and other Spring modules.
- Developed microservices using Java (Spring Boot) for event-driven architectures, integrating with IBM MQ for asynchronous messaging.
- Good experience in writing Spark applications using Python and Scala
- Skilled in developing SDLC software and utilizing Agile/Scrum methodologies.
- Proficient in working with RESTful web services.
- Hands-on development using Angular 11 with TypeScript, HTML5, and CSS3.
- Well-versed in enterprise application design patterns such as MVC, Singleton, Facade, Front Controller, Dependency Injection, DAO, and Abstract Factory.
- Practical experience with Spring Application Framework, including modules like Spring MVC and Spring Data JPA.
- Adept with DevOps tools including Docker, Kubernetes, Git, and Jenkins.
- Solid command of Core Java, including Multithreading, Concurrency, Data Structures, and Collections. • Proficient in building applications using Spring framework and hibernate.
- Background in developing enterprise applications using open-source technologies such as Spring, Hibernate, Maven, and SLF4J.
- Utilized Docker to develop, containerize, and deploy applications seamlessly.
- Hands-on expertise with Apache Kafka for asynchronous messaging, service decoupling, and data stream processing.
- Knowledgeable in configuring SLF4J, writing JUnit test cases, and executing Maven build commands. • Comfortable working across Windows, UNIX, and Linux environments.
- Working knowledge of MySQL/Oracle, handling tables, views, stored procedures, triggers, and more.Quick learner, good team player, and proven track record for effective project execution
- Followed Agile under Scrum Methodology throughout all projects for development.

TECHNICAL SKILLS:

Java Technologies: Java 11

Languages: JavaSE, JEE, SQL, XML, Python

Frameworks: Spring boot (Boot, Batch, Security, Cloud), Hibernate 3.0, Kafka

Web Services: REST, Microservices

Build and (CI/CD) Deploy Tools: Maven, Jenkins, AWS, Docker, Kubernetes

Web Technologies: TypeScript, HTML5, CSS3, Angular 7/8/11, JSON, Bootstrap

Design Patterns: Singleton, DAO, MVC, Factory, Proxy, Facade

Cloud Services: Amazon Web Services, EC2, S3, RDS IAM

Methodologies: SDLC, Agile, SCRUM

IDEs: VS code, IntelliJ IDEA, Eclipse 2018-09, STS

Version Control Tools: Git

Web/Application Servers: Apache Tomcat Server,

Deployment Tools: Maven, Jenkin

Tools: JUnit, Slf4j, Mockito, Cucumber, Confluence
Databases: MySQL, Oracle, PostgreSQL
Operating Systems: Windows (7,8,10), Linux (Ubuntu)
Container Management: Docker, Kubernetes, Helm

CERTIFICATIONS:

- AWS Certified Cloud Practitioner
- Microsoft AZ-900: Azure Fundamentals
- IBM Full Stack Developer AWS Certified Cloud Practitioner

PROFESSIONAL EXPERIENCE:

Blue Cross Blue Shield Association, Chicago, IL Oct 2024 - Present Role: Software Developer Description: Specialized our services into implementation, integration, product development, and managed services. Import client data and set up databases based on load and program requirements. We were involved in developing and maintaining the client's information in databases. Periodically checking for duplicate entries and keeping the information up to date as per client's requirement. We provide the required services to clients like sending reports, acknowledgments, and sending alerts on receiving duplicate data, or incomplete data before the final commit into databases. **Responsibilities:**

- Integrated Apache Kafka to queue incoming resumes and maintain asynchronous processing pipelines. • Built custom NLP models using Scala and Python, including tokenization, section classification, and named entity recognition (NER).
- Developed RESTful APIs and reusable service modules using **Spring Boot, Flask, and Django**, integrating Hibernate ORM, MongoDB, MySQL, **AWS RDS**, and S3 for secure, scalable data storage and access. Used Spring Security with JWT for authentication and role-based access control.
- Implemented real-time data pipelines and communication layers using Apache Kafka, IBM MQ, and Spring IOC for decoupled microservices and asynchronous data streaming.
- Built responsive and interactive UIs using Angular 11, HTML5, CSS3, Bootstrap, and Typescript, consuming RESTful APIs and rendering dynamic content with AJAX, JSON, and charting libraries.
- Managed containerized deployments with Docker and Kubernetes; automated pipelines using Jenkins, SBT, and setup tools for Scala and Python applications. Used Git, JIRA, and Agile/Scrum methodologies for project tracking and collaboration.
- Designed data processing pipelines and analytics using Scala, Python, Apache Spark, and MongoDB Aggregation Framework. Wrote automation scripts using NumPy, Pandas, and Matplotlib for reporting and data transformation.
- Employed TDD practices and wrote unit and mock tests using JUnit, Mockito, ScalaTest, unittest, and pytest frameworks to ensure robust and maintainable code across Java, Scala, and Python services. **Environment:** Java8, J2EE, Spring (Security/MVC/Boot), Hibernate with JPA, Rest Web services, Maven, Micro Services, Docker, Kubernetes, Jenkins (CI/CD), Angular 8/11, PostgreSQL, TypeScript, HTML5, CSS3, Python, Bootstrap, Jira, Agile, **AWS**, GIT.

Con Edison, NY, USA May 2023 - May 2024 Role: Java/J2EE Developer

Project: Resume Parsing model

Description:

An intelligent resume parsing solution designed to automatically extract structured data from unstructured resumes. The system enables HR teams and recruitment platforms to streamline candidate evaluation by converting PDF/Word documents into JSON-like formats. Features include section identification (education, experience, skills), named entity recognition, role-matching analytics, and dashboard visualization of parsed data.

Responsibilities:

- Involved in all stages of the Software Development Life Cycle (SDLC)—from requirements gathering and system modeling to deployment and maintenance.
- Designed the system architecture using UML diagrams to model resume structures and system behaviors. • Built RESTful microservices using Spring Boot for parsing logic, document ingestion, and metadata extraction. • Implemented **Spring Core, Spring MVC, Spring Security, and Hibernate** for robust back-end service development.
- Applied Spring Dependency Injection and Inversion of Control (IoC) for loosely coupled service orchestration. • Stored and managed parsed resume data using MongoDB with replication and sharding for high availability and performance.
- Integrated Apache Kafka to queue incoming resumes and maintain asynchronous processing pipelines. • Built custom NLP models using Scala and Python, including tokenization, section classification, and named entity recognition (NER).
- Developed **frontend interfaces for HR users using Angular 7, HTML, CSS**, and visualized parsed output for review and editing.
- Integrated Slick (Scala) for functional interaction with relational data, and used Amazon RDS for structured storage of candidate metadata.
- Ensured system performance under load by optimizing MongoDB queries, Kafka throughput, and service latency.
- Followed Agile methodologies and participated in Scrum ceremonies to ensure iterative feature delivery. • Practiced Test-Driven Development (TDD) and wrote JUnit test cases for both service and controller layers. • Employed Git for version control and Slf4j for advanced application logging and error diagnostics. • Used **AWS IAM** for secure access control and Amazon RDS for scalable database support. • Deployed applications in a CI/CD pipeline with Maven and built scalable parsing components to process thousands of resumes daily.

Environment: Java 8, **Spring Boot, Spring MVC, Spring Core, Spring Security**, Micro Services, RESTful, Hibernate, Kafka, Jenkins (CI/CD), Docker, TypeScript, HTML, GIT, Python, Slf4j, JUnit, Mockito, MYSQL, Jira, Agile, Angular 7, **Amazon RDS, IAM**.

Harman International, Bangalore, India Oct 2020 – July 2022 Role: Associate Software Engineer II

Responsibilities:

- Collaborate with the client using Agile methodology to provide solutions to design and develop the required web application.
- Used Spring boot alongside the Maven automation tool to quickly start and bootstrap the project with some identified module dependencies, simplifying the build process with very little need for any complex configuration.
- Applied Spring MVC design pattern to logically separate the different layers of the application, from the business logic to the presentation logic of the system.
- Utilized GIT for tracking, staging, and stashing all project components.
- Created **Restful APIs web services** consumed by components implemented in the Angular 7 frontend design. • To monitor the running web application, an Actuator dependency was added, to utilize its HTTP endpoints to manage the application in production.
- Interact with third-party **Restful Web APIs to fetch resources in JSON format** needed to integrate with the development of the web application.
- Integrate Java domain model with Hibernate JPA ORM for persistence aggregation of data based on the summarized data to map customer objects to the databases by providing high-level object handling functions.
- Implemented the application using basic Spring Security to implement the appropriate role-based authentication and authorization.

- Apache Tomcat was used as the embedded application server to configure the application and to promote better performance.
- Performed application-level logging using Log4j for debugging purposes and database transactions to capture every request and response.
- Used Junit framework to unit test individual classes within the application.

Environment: Java 7, **Spring (Boot/MVC/Security)**, **Hibernate JPA**, **Angular 7**, Bootstrap, TypeScript, RESTful API, HTML5, CSS3, Log4j, GIT, Junit, Apache Maven, Tomcat.

Infosys, Mysore, India Aug 2019 – Sep 2020 Role: Java / J2EE Developer

Responsibilities:

- Collaborated with stakeholders to gather and analyze end-user requirements to shape the website structure and functionality.
- Designed and implemented responsive front-end web pages using HTML, CSS, Bootstrap, and JSP, ensuring a user-friendly interface.
- Developed business logic and backend components using Core Java, Servlets, and Enterprise Java Beans (EJB). • Built interactive features using JavaScript and enhanced user experience with jQuery, ensuring cross-browser compatibility.
- Utilized JDBC to connect with the database and performed CRUD operations through optimized SQL queries and stored procedures.
- Followed MVC architecture using Struts framework for a clean separation of concerns.
- Applied key design patterns such as Singleton, Factory, DAO, and Front Controller to improve code reusability and maintainability.
- Generated XML-based EJB deployment descriptors and used JAXB for mapping data between Java objects and XML.
- Wrote JUnit test cases to validate backend functionality and ensure robustness.
- Configured and deployed the application on WebSphere Application Server, ensuring scalability and reliability. • Led code reviews, mentored junior developers, and resolved integration issues during system testing. • Developed and consumed SOA-based Web Services to interact with the data access layer. • Incorporated log4j for effective error tracking and debugging throughout the development cycle.

Environment: Java, HTML, JavaScript, Servlets, JSP, JDBC, **Spring**, **Web services**, Oracle, SQL, PL/SQL, UML, XML, JUnit, Log4j and Linux.

Education:

Bachelors in Computer science, Visvesvaraya technological university, Bangalore India, 2020