

PROFESSIONAL SUMMARY

- Accomplished Full Stack Developer with **8+** years of industry experience in Web and enterprise applications using Object Oriented Technologies with Java/J2EE
- Expert in implementing **Java/J2EE** technologies for application development in various layers of projects i.e. **Requirement gathering, Analysis, Design, Implementation, Unit Testing, and Deployment** from **UAT to Prod**.
- Expertise in interacting with **business users** understanding their **requirements** and **providing solutions** to match their requirement
- Expertise in creating and rolling out **Dockers images and containers**
- Experience in using **Spring Boot** and **Microservices**
- Well-versed in **Apache Kafka** for asynchronous communication between applications in a distributed environment
- Experience in working with **Test-Driven Development (TDD)** development methodologies in environments using **Agile (SCRUM)**.
- Experience in using **SOLID** principles in developing applications
- Expertise in using IDE like **Eclipse, IntelliJ**, and **STS** for debugging and using Java coding standards from the beginning of development.
- Extensive knowledge in database **transaction management** for database-related changes by integrating Hibernate with Spring.
- Expertise in application development using **GraphQL, JSP, Servlets, JDBC, JMS, EJB, XML, Web Services, SOAP 1.1, WSDL, REST, STRUTS, SPRING BOOT, Hibernate**.
- Developed web applications using **Angular, React, HTML, CSS, and JavaScript**.
- Expertise in implementing **web services** clients using XML-based protocols such as **Simple Object Access Protocol (SOAP)** and **HTTP** using **XML** artifacts with **Web Service Definition Language (WSDL)**.
- Used **JavaScript** for client-side validations and implemented **AJAX** with **JavaScript** for reducing data transfer between user and server.
- Worked on Integrating Java Applications with **AWS EC2 and S3, SQS and SNS, DynamoDB, Lambda, CloudWatch**.
- Having good knowledge of **Design Patterns** and experience in using various suitable design patterns to implement the project on a need basis.
- Expertise in **MVC** architecture including **Validations and business flow** of applications.
- Expertise in implementing **Spring framework** for **Dependency Injection, Spring Security, and Spring MVC** support for the Data Access Object (**DAO**) pattern and integrated with SQL and MongoDB.
- Extensive Experience in using loggers like **Log4j** for creating logs of different categories and placing them in a file.
- Extensive experience in performing **reviews** like **Code reviews** and **peer reviews** to maintain best coding standards.

TECHNICAL SKILLS

Programming Languages : Java, Servlet, JavaScript, SQL

Database & Reporting : Oracle, My SQL, MongoDB, DB2

Front End Technologies : HTML5, CSS3, Bootstrap, AJAX, JQuery, JavaScript, Angular, React

Web Services : SOAP, REST

Frameworks : Spring Boot, Microservice

Tools : IntelliJ, Jira, GIT, Jenkins, Docker, SAP Webi, GraphQL, Elastic Search

Testing Frameworks : Unit Testing.

Cloud platforms : Amazon Web Services (AWS) EC2, S3, SQS, SNS, DynamoDB, Lambda, CloudWatch.

Web service : Rest, SOAP

CI/CD Tools : Jenkins

Code Repository Tools : GIT

Build Tools : Maven, Gradle

Methodology : Agile, Waterfall

PROFESSIONAL EXPERIENCE

Apple/TCS

Jan 2021- Till Date

Senior Software Engineer

Responsibilities:

- Developed robust and scalable Restful APIs using **Spring Boot framework**, emphasizing best practices for API design and implementation.
- Incorporated encryption mechanisms, by using the **RSA and AES Algorithms**.
- Implemented **GraphQL APIs** to improve data fetching efficiency and flexibility.
- Designed and maintained GraphQL schemas to streamline data access for client applications.
- Collaborated with front-end and back-end teams to integrate GraphQL into existing systems. Worked in migration.
- Worked in migration of **Java applications** from lower Java versions to the latest Java versions and also worked on migration of **Elastic Search's** latest versions.
- Used **React** for the UI Screens of the application.
- Used Amazon Cloud Watch to monitor resources such as **EC2, Amazon RDS, and Lambda**.
- Configured AWS Identity and **Access Management (IAM)** Group and users for improved login authentication.
- Well-versed in **ApacheKafka** for asynchronous communication between applications in a distributed environment.
- Collaborated with cross-functional teams to design and implement **Microservices** that seamlessly interacted with each other, fostering a modular and efficient system.
- Facilitated the CI/CD process using **AWS CodeDeploy** by creating the source, build, and deploy stage.
- Wrote docker scripts and built docker images to automate the deployment of Java backend code using **AWS ECS** and **AWS ECR**.
- Developed web applications using **XML, Web Services, SOAP, WSDL, REST, SPRING BOOT, and Oracle**.
- Provide technical leadership and guidance to the development team.
- Experienced in building scalable and reliable message queuing systems using **AWS SQS** for decoupling and asynchronous communication between components.
- Proficient in creating queues, sending messages, and processing messages asynchronously with **AWS SQS**.
- Skilled in setting up and **configuring AWS SNS** to send notifications across distributed systems and applications.
- Proficient in creating topics, subscribing endpoints, and publishing messages to deliver real-time notifications via email, SMS, or other protocols.
- Experienced in integrating **AWS SNS with other AWS services such as Lambda, SQS, and SES** for event-driven architectures and workflows.
- Proficient in front-end development **using Angular framework to create dynamic** and responsive web applications.
- Skilled in implementing complex user interfaces and interactive features using **Angular components, services, and directives**.
- Experienced in leveraging **Angular Material design components and CSS** styling for creating visually appealing interfaces.
- Utilized various micro services-related components and design patterns, including **Service Registry, API Gateway, Hystrix, Spring Security, Config Server, and OAuth**.
- Worked on Integrating of Java Applications with **AWS EC2 and S3, DynamoDB, Lambda, CloudWatch Instances**.
- Troubleshoot and debug complex issues, ensuring timely resolution.
- Propose innovative solutions to technical challenges.
- Implemented **Aspect-Oriented Programming (AOP)** for log tracking, incorporating Declarative Transaction Management, and configuring Pointcut and Joinpoint.
- Apache Kafka: Set up real-time data processing systems using Apache Kafka. Made sure these systems were reliable and could handle failures using Kafka Streams in Java. Managed Kafka systems for fast and timely messaging.
- Java Project Experience: Used Java effectively to build scalable and strong applications. Followed good practices of object-oriented programming and design patterns in Java. Used Java frameworks like Spring Boot for creating microservices.

- Integration of Spark and Kafka: Combined Spark and Kafka to create real-time data processing systems. Used Kafka as the source and destination for Spark Streaming jobs, enabling real-time analysis and decision-making

Software/Tools: Java, Spring Boot, GraphQL, RESTful APIs, Java, Microservices architecture, API design, Encryption, GitLab, Jenkins, Elastic Search, React, AWS, GitLab CI/CD.

UST Global/INTEL

Sept 2017 – Dec 2020

Software Developer

Responsibilities:

- Engaged in in-depth discussions with business users to gather and refine business requirements, aligning them seamlessly with the overall design.
- Played a key role in the analysis, design, and implementation phases of projects, ensuring a comprehensive and cohesive approach.
- Maintain detailed and accurate documentation of the solution design, including any changes made during the development process.
- Implemented **GraphQL APIs** to improve data fetching efficiency and flexibility.
- Designed and maintained GraphQL schemas to streamline data access for client applications.
- Collaborated with front-end and back-end teams to integrate GraphQL into existing systems. Worked in migration.
- Developed web applications using **XML, Web Services, SOAP, WSDL, REST, SPRING BOOT, and Oracle**.
- Create architectural diagrams, data models, and other design documentation to illustrate the proposed solution.
- Collaborated with cross-functional teams to design and implement **Microservices** that seamlessly interacted With each other, fostering a modular and efficient system.
- Incorporated encryption mechanisms, by using the **RSA and AES** Algorithms.
- Used Amazon Cloud Watch to monitor resources such as **EC2, Amazon RDS, Dynamo DB, and EBS volumes**.
- Provided event notifications and messaging capabilities using **AWS SNS and SQS**.
- Designed and developed the framework to consume the web services in Amazon EC2 instances.
- Used **Amazon RDS** to host MySQL database for the application.
- Developed API for using **Amazon Lambda** to run the code in AWS.
- Used **Amazon S3** to store and retrieve the media files related to the application.
- Configured AWS Identity and **Access Management (IAM)** Group and users for improved login authentication.

Software/Tools: Spring Boot, GraphQL, Microservices architecture, RESTful APIs, Core Java, and Spring Boot JPA.

Aseuro Technology/Franklin Madson

July 2015 - Aug 2017

Software Developer

Responsibilities:

- Engineered a robust Web application for Customer Registration and Work Assignment based on Line of Business, utilizing a combination of **Angular, Spring Boot, and Java**.
- Implemented robust indexing strategies to enhance performance, contributing to seamless and quick data retrieval.
- Well-versed in **ApacheKafka** for asynchronous communication between applications in a distributed environment.
- Coding complex modules for large-scale systems using technologies, like **Core java, J2EE, Spring Boot, Microservice, Mongo dB, SOAP, AWS EC2, and S3 instances**.
- Implemented a microservices architecture using **Docker** and enhanced the scalability, flexibility, and maintainability of the application.
- Experience in building **RESTful web services** using Spring, including the use of **Spring MVC and Spring Boot** for creating APIs.
- Understanding of **Spring Data** for easy integration with databases, supporting various data sources, and providing a consistent data access approach.
- Writing unit tests for spring applications using testing frameworks like **JUnit**.
- Successfully establishing communication between the Warehouse Management System and the warehouse automation system by developing multiple **RESTful Web services** and UI screens using **Angular and Spring Boot**.
- Designed micro-services keeping in mind reusability for other warehouse automation in the future.

- Created Technical designs and developed the new RESTful services.
- Mentored new team members for successful completion of deliverables.
- Enhanced user experience by providing uninterrupted access to key features, contributing to the overall reliability of the applications.
- Used **SAP WEBI tool** for developing report applications.
- Ensure delivery of high-quality software by writing clean code and utilizing automated **test-driven development (TDD)**, and continuous integration
- Remain actively engaged in the technology industry and understand how the evolving technologies can benefit the organization.
- Guide team members in best practices for secure, robust designs that can be used across multiple projects and organizations.
- Facilitated Sprint Planning Meetings, contributing valuable insights to the planning of new application architectures at an architectural level.
- Analyze the project scope and perform requirement/feature/story analysis.
- Prepare development strategies and resource estimations.
- Design and develop Banking applications as per the client's requirements by using **Java and Servlets**.
- Development of individual application modules
- Co-ordinate with third-party teams to develop third-party payment modules that can interact in any language.
- Developing a Secured payment application by using hashing algorithms such as **RSA, MD5, and sha256**, so that any ransom attack can be prevented.
- Developing server-side applications for Mobile Payment Applications
- Developing a Scheduled Payment Application by using **EJB** session Management for the Scheduled payment applications
- Developing an offline and online Transaction payment application by using **multi-threading** for offline and online payments
- Performing unit tests and support testing teams with other testing activities
- Involve in defect triage meetings.
- Handling the production release and Critical Production support activities
- Generate metrics and status reports and communicate to the project stakeholders.
- Utilized Maven as a build tool for backend applications, ensuring streamlined and efficient development processes.
- Developed JUnit test cases for modules, conducted unit testing, and performed integration testing to maintain code reliability and functionality.

Software/Tools: Eclipse, Java, SQL databases, Oracle, SQL Developer, RESTful web services, JSP, JavaScript, jQuery, Multithreading, SOAP, Maven, HTML,CSS, Servlet,EJB.

EDUCATION

Bachelor of Engineering, Electronics and Communication | VTU UNIVERSITY