

ROHIT SINGH

Athpur, India 743128

Professional Summary

Adaptable senior software developer with 4+ years of industry experience. Skilled in diverse backend and frontend technologies including Java, Spring Boot, Node.js, and React Bootstrap. Rapid learner, adept at swiftly acquiring and applying new skills to drive innovative solutions.

Work History

Senior Software Engineer

Jan 2022 - Current

Aloha Technology

Pune, India

- Managed multiple projects simultaneously while maintaining strict deadlines and high-quality standards.
- Developed scalable applications using agile methodologies for timely project delivery.
- Enhanced software functionality by identifying and resolving complex technical issues.
- Stayed current on industry trends, incorporating emerging technologies into new projects when appropriate.
- Conducted thorough testing to identify and resolve bugs, ensuring optimal software performance.

Full Stack Developer Intern

Aug 2021 - Feb 2022

Vara Technology

Kolkata, India

- Debugged complex issues and resolved software defects to improve overall system stability and reliability.
- Developed and deployed UI components using React, ensuring seamless navigation and interaction for end-users.
- Acquired proficiency in Hyperledger Fabric and Golang, leveraging these technologies to write multiple smart contracts.
- Utilized Docker for efficient deployment of smart contracts, ensuring scalability and reliability of the blockchain applications.
- Designed, implemented, and tested concurrent and asynchronous APIs using the Gin framework, facilitating smooth communication between deployed smart contracts.

Freelance Web Developer

Jan 2020 - Jul 2022

Self Employed

Remote

- Collaborated with 2-3 clients to effectively grasp project requirements and objectives.
- Played a key role in developing UI components using React.js, ensuring scalability and reusability.
- Utilized Git for efficient codebase management and collaborated with team members for streamlined development.
- Maintained clear communication with clients, providing updates and addressing concerns promptly to ensure satisfaction.
- Documented project details comprehensively to facilitate knowledge transfer and maintain project continuity.

Education

B.Tech: Computer Science And Engineering

Supreme Knowledge Foundation Group of Institutions

Aug 2022

Hooghly, India

High School

Jagatdal Chashma-I-Rahmat High School

May 2018

Jagatdal, India

Skills

- Java
- Spring Boot
- Spring Security
- Spring JDBC
- Spring Data JPA
- Database (MySQL, CouchDb, Postgresql)
- Node.js
- Express.js
- React.js
- Bootstrap
- JQuery
- AWS services (RDS, S3)
- Docker
- Docker Compose
- Frontend development (React)
- Backend development (Golang)
- Smart contract development (Hyperledger Fabric)
- Concurrent and asynchronous API development (Gin framework)

Accomplishments

- Developed carrier brokering service for TL and LTL shipments, reducing average response time by 30% through implementation of multithreading and dynamic bill generation using ItextPDF
- Integrated ACI payment driver and ensured PCI compliance for a digital self-service provider, including secure API development and integration of dynamic email notification system
- Implemented video transcoding service using ffmpeg and Express.js for a webinar provider, improving video latency across devices and contributing to event-driven microservices architecture
- Successfully contributed to the development of a blockchain-based application by writing and deploying smart contracts, enhancing the integrity and security of transactions
- Played a key role in the optimization of APIs, improving performance and responsiveness of the application
- Gained practical experience in frontend development, backend programming, and blockchain technologies, enriching my skill set and professional capabilities

Projects handled

Project: Digital Self-Service

May 2023, present

Language and Technologies involved –Java, Spring Boot, Launch4j, Precisely Notification Provider, ACI Speedpay, React, jQuery, Docker, Swagger

Project Description: This was meant to provide users with a consistent and speedy self-service experience across several platforms. The self-services include recurring payment creation and processing, automated notification of different actions, batch tasks for large batch operations and backups, consent and digital signature processing, and so on. We used Java and Spring Boot to construct cross-platform executable SDKs for database setup and batch processing jobs. Precisely's notification service was utilised to automate notifications. The platform also features an intuitive user experience developed with React, JQuery, and an internal

technology stack. Docker containers were employed for deployable environments, while Swagger was used to document APIs.

Responsibilities:

- Developed cross-platform executable SDKs for database setup using Java and Spring and launch4J.
- Created batch processing jobs for automated tasks.
- Integrated Precisely notification provider for automated notifications.
- Developed and maintained UI components using React, jQuery, and internal tech stack.
- Utilised Docker for creating deployable containers.
- Managed contract-first Swagger API configuration for various services.

Project: Logistics Service

Jul 2022, Apr

2023

Languages and Technologies Involved: - Java, Spring, Spring Boot, Spring Data JPA, iTextPDF, AWS

Project Description: This aimed to streamline the billing and rating process for clients in the logistics industry. It entailed the generation of shipments for both TL and LTL freight types, as well as dynamic billing and rating APIs that generated customised bills based on client specifications. Tracking of shipments. Quotes calculation and conversion in different currencies. For backend development, the system used technologies like Spring, Spring Boot, and Spring Data JPA. iTextPDF was integrated to generate customised bills efficiently. Additionally, AWS services such as RDS, DynamoDB, S3, SMS, and SNS were used for data storage, messaging, and notifications.

Responsibilities:

- Developed dynamic billing and rating APIs using Java and Spring framework.
- Integrated iTextPDF for generating customised bills.
- Optimised the existing rating service by implementing multithreading and CompletableFuture, resulting in a 30% decrease in response time.
- Secured APIs using Spring Security.
- Integrated and utilised various AWS services such as RDS, DynamoDB, S3, SMS, and SNS.
- Designed and implemented event-driven services with procedures and consumers.

Project: Webinar Platform

Jan 2022, Jun

2022

Language and Technologies involved –Java, Spring Boot, Express.js, Sequelize ORM.

Project Description - The Webinar Platform aimed to facilitate seamless communication and interaction between hosts and participants during webinars. It involved creating automated customisable email notifications using Java and Spring Boot. Different work schedulers were implemented for batch mail processing. APIs were developed using Express.js and Sequelize ORM for managing data efficiently. Additionally, a video compression module was integrated for transcoding videos into various formats and sizes for different devices, enhancing the user experience.

Responsibilities:

- Implemented automated customisable email notifications using Java and Spring Boot.
- Developed different work schedulers for batch mail processing.
- Created APIs using Express.js and Sequelize ORM for efficient data management.
- Integrated a video compression module for transcoding videos into various formats and sizes.
- Implemented streaming for fast video rendering on servers.