Rahul Saha

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Summary — Results-driven Software Engineer with 3+ years of experience in the areas of Analysis, Architecture, Design, Development and Implementation phases of different business applications' development related to Java, J2EE, Spring Boot, PostgreSQL, Hibernate, and React.js platforms.

Skills

Programming Languages: Java,Rest Apis, JWT, C/C++, JavaScript, PHP, Node.js, Go
Front-end Technologies: React.js, HTML/CSS, Bootstrap
Databases: Postgresql, MySql, MongoDB, Redis
Messaging Event Streaming: ActiveMq **Server-side Technologies** : Spring Boot (Microservices, Rest Template, Eureka Server)
DevOps: Git/GitHub, Docker, Gradle

Experience

Flexmoney Technologies Pvt. Ltd.   **Jan 2022 – Present**
Software Development Engineer
- Recognized as 'Engineer of the Quarter' for outstanding contributions to offer management systems, merchant onboarding Frameworks and process optimization.
- Led the end-to-end design and development of a strategic Offer Management System, a critical component driving business revenue, while mentoring an intern to master complex concepts and deliver impactful solutions.
- Designed and developed the MDR and Subvention handling processes, enabling seamless integration with new payment gateways and adaptable configurations across merchants and tenures.
- Crafted a comprehensive onboarding framework, mentoring an intern to deliver high-quality solutions and grasp complex concepts.
- Spearheaded the migration from Log4j1 to Log4j2, and implemented separate Rollbar logs, enhancing logging efficiency and operations management.
- Engineered and optimized reports for Payment Aggregator onboarding, effectively guiding interns in their contributions.
- Designed automated settlement report generation, reducing processing time from 4 hours to 5 minutes.
- Engineered an automated email system for PG settlement records, streamlining operations and mentoring an intern.
- Developed intricate Superset queries for daily reporting, empowering operations with actionable insights.
- Enhanced settlement process efficiency through iterative improvements and optimizations.
- Assisted in the development of transaction flow API for direct merchants and contributed to customer-facing page improvements.
- Provided on-call support for critical issues and worked on root cause analysis for incident resolution.

Projects

Microservice based online money management system
Java, Spring Boot, PostgreSQL, Docker, JWT, Eureka Server, Kafka
- Led the development of a comprehensive auth-service with key features like user login, role-based authentication, and password recovery, alongside integrating an email notification service via Kafka events.
- Gained expertise in Eureka Server, API Gateway, and Kafka, building a scalable backend for real-time user management.

RS-Chat - Online realtime-chat application
React.js, HTML/CSS, Bootstrap, Node.js, Express.js, MongoDB, Socket.io
- Full-Stack Development: Created a multi-chat application with key features including login, logout, password recovery, user blocking, and online/offline status.
- Privacy Feature: Implemented a secret chat feature, viewable only on the specific device, ensuring enhanced privacy.
- Backend Expertise: Developed real-time chat functionalities using Node.js and Express.js, gaining deep expertise in these technologies.

Resume Maker - Android App
PHP, MySql
- Designed and developed the entire backend, including APIs for user authentication (login, signup, logout), password management, resume management, and dashboard functionalities.
- Implemented email verification using OTP, with secure authentication mechanisms powered by JWT.
- Created an admin API for uploading new resume templates and managing existing ones.

Education

Pondicherry University   **June 2022**
Master of Computer Applications