Saurabh Kumar

Bengaluru, Karnataka, India

✉ saurabh.sep07@gmail.com   📞 9019030974

in linkedin.com/in/saurabh-kumar-35b76491

Summary

- Experienced Full Stack developer with expertise in designing, architecting, developing and deploying Backend Microservices and Frontend Apps with a zeal for software craftmanship.
- Dedicated to cultivating high-caliber applications that guarantee optimal performance and scalability while simultaneously minimizing maintenance cost.
- Demonstrated ability to ensure project success by collaborating with stakeholders and simplifying the requirements to technical stories. Experienced in leading and managing team, process improvement, best practices and complete SDLC from design to deployment.
- Scaled Agile (SAFe 4.5) certified.

Experience

Senior Software Engineer
Cardinal Health

Mar 2022 - Jul 2023 (1 year 6 months)

- Securing APIs using okta, Keycloak and Spring security. User and role management using JWT token.
- Single handedly designed & implemented multi tenancy for OAuth solutions, created new authentication manager to support JWT token from multiple sources.
- Optimized applications performance to reduce the API response time by 40% on high load by performance tuning and database optimization.
- Designed and implemented a batch application for processing millions of data within minutes using spring batch.
- Provided solutions and architectural designs for multiple applications across teams.
- Contributed to the design and implementation of CICD pipeline architecture and branching strategy.
- Implemented multiple tasks in the CICD pipeline using concourse like build, test, deploy, Veracode scans, SonarQube integration, artifact creation etc.
- Collaborated with testing team during load test for resource monitoring, fixing performance and scalability issues and to identify bottlenecks for setting up right scaling rules to ensure resiliency of the application.
- Implemented API contract testing using Pact.

Senior Analyst
Cardinal Health

Jan 2021 - Feb 2022 (1 year 2 months)

- Designed and developed high quality APIs for payments microservice achieving 95% code coverage with unit and integration tests, managing application-level security using JWT and Spring Security.
- Led the design and development of multi-tenancy feature for payments module, serving multiple clients and supporting multiple payment vendors.
- Implemented distributed logging and tracing mechanism for microservices.
- Designed and developed APIs for patient platform app. Implemented distributed logging and tracing mechanism for microservices.
- Implemented identity and access management, SSO service using Okta and Keycloak, streamlining authentication and authorization processes.
- Conducted code reviews, mentored team members, and introduced best practices for code quality

and efficiency. Solved multiple technical challenges, and improved the overall development process.

Software Development Engineer
Jio

Aug 2019 - Jan 2021 (1 year 6 months)

■ Contributed to multiple microservices using Java and Spring Boot. Implemented core APIs for JioSign project like file upload, download, token generation, validation, session management and digital signature. Optimized API performance by reducing average response time by 50%.

■ Designed and implemented various optimization techniques like caching, polling and asynchronous communication to reduce latency and improve microservice communications.

■ Bootstrapped and developed frontend app using ReactJS and Material UI. Configured app for flexible theming, responsive design, routing and developed features like multiple file uploads, app security, login & logout and cross browser compatibility. Collaboration with stakeholders to ensure alignment with project goals for project success.

■ Managed a team of 4 developers and mentored them through various phases of development. Conducted regular code reviews, provided constructive feedback, and helped team members grow in their careers.

■ Completed several proof-of-concept projects using JavaScript and Vue.js. Evaluated various open-source projects and customized them to meet project requirements and business expectations.

Software Developer
Amiti Software Technologies Pvt. Ltd.

Jul 2017 - Aug 2019 (2 years 2 months)

■ Involved in a framework development for "Lease end service" using Java, Spring, Hibernate and XML.

■ Developed frontend module for car leasing service using Vue JS and several other JS libraries.

■ Implemented email notification API for payment service.

■ Collaborated with product owners and stakeholders to gather requirements and translate them into technical specifications. Conducted user testing and provided feedback to improve usability and functionality.

Skills

• Core Java • Spring Boot • Microservices • Hibernate • AWS • Systems Design • Design Patterns • JavaScript • React JS • MySQL • Spring Batch • OAuth 2 • Spring Security • Redis • Kafka • Docker • Kubernetes • Concourse • Terraform • Junit • Gradle • Vue JS • CSS • Flyway

Education

Bapuji Institute of Engineering & Technology, DAVANAGERE
Bachelor of Engineering (BE), Computer and Information Sciences, General
2012 - 2016

SAFe® 4.5 Certified Practitioner - Scaled Agile, I