

Ashish Joshi

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Experienced Software Engineer with 4.5 years of expertise in designing and developing scalable backend systems and microservices. Demonstrated leadership skills in project management, performance optimization, and productivity enhancement. Proficient in mentoring teams, driving technical innovation, and delivering high-quality solutions that meet business needs.

Skills

Java 8

Microservices architecture

Oracle SQL

Kong

Git

Spring Boot/JPA

REST/SOAP

RabbitMQ/Solace/Kafka

Mongodb/Elastic/Kibana

React/Angular

Work History

Senior Software Engineer

Airtel, Pune

June 2022 - Current

- Developed and maintained solutions for key projects like CMP (Connectivity Management Platform), Work From Anywhere, PING, Xtelify and International Roaming in IOT domain, contributing to 20% increase in revenue.
- Designed and implemented Messaging Center for IoT, enabling SMS delivery with customized templates and scheduled messaging using SMPP protocol.
- Designed and developed new SIM lifecycle order processing APIs, reducing processing time for key customers like Paytm and PhonePe, contributing to 15% increase in customer retention.
- Worked on Dual SIM Lifecycle Management in collaboration with other telecom operators, using a state machine approach to ensure efficient SIM state transitions and lifecycle processes.
- Developed RESTful APIs and microservices using Spring Boot, ensuring high performance, scalability, and reliability.
- Utilized Oracle SQL, MongoDB, and Elastic Search for efficient data storage, retrieval, and real-time analytics.
- Integrated RabbitMQ, Solace, and Kafka for seamless microservice communication and data flow.
- Implemented High Availability solutions to ensure system reliability and minimal downtime, leveraging failover mechanisms, load balancing, and disaster recovery strategies.
- Implemented Kong API Gateway for efficient traffic management, authentication, and API security.

Full Stack Engineer

Schlumberger, Pune, India

March 2020 - June 2022

- Contributed to the development of two key applications: iBase, a digital platform for resource and hotel booking, request creation, and approval, and FP215, an intercompany finance application for

invoice management and transaction processing, resulting in 15% revenue growth.

- Designed and developed Progressive Web Applications (PWA) and responsive web applications for mobile and desktop, using reusable, configurable components to ensure scalability and maintainability.
- Implemented Azure Active Directory (AAD) authentication, OAuth API security, and APIGEE Gateway for secure user access, and enforced data encryption in SQL for compliance with data security best practices.
- Created and optimized database procedures, views, and tables in MSSQL using SQL Server Management Studio (SSMS), while utilizing React.js and Material UI for a responsive and user-friendly front-end.
- Leveraged CI/CD pipelines, Git, and Terraform on Microsoft Azure for streamlined application deployment, ensuring continuous integration and continuous delivery throughout the development lifecycle.

Education

Post Graduation Diploma in Computer Science March 2020
C-DAC, Advanced Computing Training School, Pune

B.Tech May 2017
Bipin Tripathi Kumaon Institute of Technology, Almora