

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 a 20% increase in revenue.
- Designed and implemented a Messaging Center for IoT, enabling SMS delivery with customized templates and scheduled messaging using SMPP protocol.
- Designed and developed sepearte SIM lifecycle order processing APIs, reducing processing time for key customers like Paytm and PhonePe, contributing to a 20% 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 Elasticsearch 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/hotel booking, request creation/approval, and FP215, an intercompany finance application handling

invoice records and transaction processing, both resulting in a 15% revenue growth.

- Designed and implemented progressive web applications (PWA) and responsive web apps for both mobile and desktop, utilizing configurable components for scalability and reusability across multiple modules.
- Implemented Azure Active Directory authentication for secure user login, API security with OAuth and APIGEE Gateway, and ensured data encryption in SQL for enhanced security.
- Created database procedures, views, and tables in MSSQL using SSMS, and developed a React front-end with Material UI for a seamless user interface.
- Leveraged CI/CD pipelines and Terraform on Azure for automated application deployment and smooth transitions between development and production environments.

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