Ashish Joshi

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Experienced software engineer with over 5 years of expertise in designing and developing scalable backend systems and microservices. Proven ability to lead projects, optimize performance, and enhance productivity. Skilled in mentoring teams, driving technical innovation, and delivering high-quality solutions that align with business objectives.

Skills

Java 8	**Spring Boot/JPA**
Microservices architecture	**REST/SOAP**
Oracle SQL	**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.
- 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 allocation 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.
- 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

Bachelor of Technology May 2017

Bipin Tripathi Kumaon Institute of Technology, Almora