

Atul Singh

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Professional Summary

Specialist Programmer with 3 years of hands-on experience developing scalable software solutions. Skilled in Java, Spring Boot, Microservices, and cloud technologies, consistently delivering optimized and efficient systems.

Experience

Infosys | Lead Specialist Programmer

October 2023 – Present

Project: Payment Processing Application

Bengaluru, India

- Developed a configurable and secure payment processing system using **Java**, **Spring Boot**, **MySQL**, and **React**.
- Designed real-time transaction validation and data synchronization across multiple systems.
- Enabled smooth processing of high-volume transactions, minimizing disruptions during updates and testing.
- Empowered operations teams with search tools and configuration options for flexible system management.
- Utilized **JUnit** and **Mockito** for comprehensive testing and ensured system reliability.

Infosys | Software Engineer (Java Backend Developer)

June 2022 – October 2023

Project: E-Commerce Application

Bengaluru, India

- Led the transition of an e-commerce platform from a monolithic to a **microservices architecture** using **Java Spring Boot**.
- Created a complete microservice from scratch, ensuring modularity and scalability.
- Managed the transition from **Java 11** to **Java 17**, optimizing system performance.
- Deployed and managed the application on **Google Cloud Platform (GCP)**, utilizing features like Pub/Sub and cloud storage.
- Built **CI/CD pipelines** using **GitHub Actions**, streamlining the deployment process.
- Developed and optimized complex stored procedures for improved data management.

Cognizant | Software Engineer (Java Developer)

January 2020 – May 2020

Project: Image Sharing Application

Pune, India

- Developed an image-sharing application similar to Pinterest, where users can post pictures/videos, follow friends, and engage with content.
- Built individual microservices for each entity, using **React** for frontend and **Java microservices** for backend development.
- Implemented **service discovery** using **Consul** for dynamic service registration and seamless inter-service communication.
- Enabled features like infinite scrolling, notifications, and messaging for enhanced user experience.

Education

Chandigarh University

Bachelor of Engineering in Computer Science

July 2016 – May 2020

Punjab, India

Skills

Languages: Java, Python, Groovy, SQL, HTML, CSS

Cloud & Frameworks: Google Cloud Platform (GCP), Spring Boot, Microservices, RESTful API

Databases: PostgreSQL, MySQL

Tools & Technologies: CI/CD, JUnit, React, Apigee, Git, SendGrid, Gradle, Maven

Certifications

Infosys Certified Java Programmer

DP-900 - Microsoft Azure Data Fundamentals

Infosys Certified Google Associate Cloud Engineer

Infosys Global Agile Developer Certification

Infosys Certified Spring Boot Developer

Infosys Google Associate Cloud Engineer

Infosys Certified Data Analyst on GCP

Infosys Certified Business Intelligence Associate