

Onkar Joshi

+91 9518584177 | joshionkar292@gmail.com | joshi-onkar | portfolio

Profile Summary

Software Engineer with 2 years of overall experience building scalable APIs and data workflows in Java, Spring Boot in a high-availability distributed systems environment. Recognized for owning complex production issues, improving system performance, and shipping end-to-end features independently.

Experience

Software Developer

M2P Fintech, Mumbai

Dec 2024 – Jan 2026

- Engineered 'Turing' core banking platform, enabling 75+ bank launches and **processing \$50M+** annual transaction volume with 99.99% availability.
- Owned end-to-end delivery of fault-tolerant payment workflow, ensuring data consistency across services.
- Slashed P95 API latency by 40% implementing Redis caching and APM-driven query tuning, cutting downstream service calls for various routes.
- Resolved critical production deadlocks and service timeouts, reducing recurring incidents by 50% through RCA.

Software Developer Intern

M2P Fintech, Mumbai

Jun 2024 – Dec 2024

- Formalized REST API contracts using OpenAPI, cutting integration time by 50% for frontend and mobile teams.
- Implemented secure OTP-based onboarding flows, handling edge cases to improve user signup conversion.
- Integrated third-party auth and notification services, implementing retry logic to ensure system reliability.

Software Developer Intern

AlgoDive, Remote

Jan 2024 – Jun 2024

- Led 6 interns to implement React RBAC & JWT authentication, reducing unauthorized access by 18%.
- Built dms portal serving 10K+ daily requests, implementing event-driven alerts to cut server load by 20%
- Developed CI/CD scripts to automate builds and deployments, reducing manual deployment effort.

Education

Indian Institute of Information Technology, Surat

Dec 2020 – Aug 2024

Bachelor of Technology, Electronics and Communication Engineering

Surat, India

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating System, Cloud Computing.

Projects

Stream Regulator (Ongoing)

Java | Spring Boot | Docker | Kubernetes

- A custom data ingestion pipeline to handle bursty traffic without overwhelming downstream services.
- Built a high-throughput ingress layer **handling 1000s of requests per second** by minimizing per-request overhead and enforcing backpressure using bounded queues, validated through Apache-Bench load testing.
- Self-hosting on bare-metal using Docker and Kubernetes, to simulate a production-grade distributed env.

Technical Skills and Certifications

Frontend

React, Flutter, JavaScript, HTML, CSS, Tailwind

Backend

Java 8, Spring Boot, Play, JPA/Hibernate, Microservices, system design

Data & Infra

PostgreSQL, MySQL, MongoDB, Redis, AWS (EC2, S3, RDS), Docker, CI/CD

Certifications

Java, Spring Boot, Spring AI, Flutter

Achievements and Awards

- Awarded for **exceptional performance** during product launch with a project warrior award.
- Advanced from Intern to Software Engineer based on consistent high-quality code delivery and impact.
- Led technical workshops on project architecture and API designs for 20+ junior developers.
- Among **top 10%** coders on **leetcode** with 500+ active days solving data structures and algorithms.