

ANKITA RANJAN

Senior Backend Engineer | Java · Spring Boot · Microservices · Kafka · AWS

📍 Bangalore, India ✉ ankitaranjan.fepsivit@gmail.com ☎ +91 91 0855 7601 🔗 [linkedin.com/in/ranjan-ankita](https://www.linkedin.com/in/ranjan-ankita)

PROFESSIONAL SUMMARY

Senior Backend Engineer with 6+ years of experience architecting high-throughput, fault-tolerant distributed systems in fintech, SaaS, and healthcare. Deep specialization in **real-time payment processing (C2B, P2P, G2P, P2G)**, event-driven microservices (Kafka), and Java/Spring Boot ecosystems. Proven track record of building systems handling **1M+ API calls/day** with 95%+ test coverage, improving observability by 100%, and mentoring cross-functional engineering teams. Open source contributor to the GovStack/Fineract ecosystem.

CORE SKILLS

- | | |
|--|--|
| <ul style="list-style-type: none">Java (8–17) · Spring Boot · Spring CloudMicroservices · REST APIs · gRPCApache Kafka · Event-Driven ArchitectureMultithreading · Reactive ProgrammingSystem Design (HLD/LLD)AWS: EC2, S3, Lambda, ECS/EKS | <ul style="list-style-type: none">Docker · Kubernetes · Helm · Jenkins · CircleCIMySQL · PostgreSQL · ElasticsearchKibana · Grafana · Prometheus (Observability)JUnit · Cucumber · TDD (95%+ coverage)Apache Camel · Zeebe OrchestratorGitHub Copilot · OpenAI API · Gradle |
|--|--|

WORK EXPERIENCE

Backend Engineer – Contract | IOMETE (Remote)

Sep 2024 – Nov 2024

Embedded engineering contributor focused on developer experience and platform stability.

- Owned customer support and developer portals end-to-end, cutting issue resolution time by 40%
- Improved developer onboarding efficiency by 60% through restructured documentation (Docusaurus)
- Built SDK-based API exposure layer enabling seamless third-party integrations
- Delivered production stability improvements that reduced critical bugs by 70%
- Authored training guides adopted by 15+ engineers, establishing internal knowledge base

Software Development Engineer II | Fynarfin (Remote)

Sep 2021 – Aug 2024

Core engineer on Payment Hub EE — a distributed, open-source fintech platform for real-time payment systems deployed across emerging markets.

- Designed and implemented high-throughput payment microservices supporting C2B, P2P, G2P, P2G, and batch disbursement workflows processing 1M+ API calls/day
- Built event-driven, asynchronous transaction pipelines using Kafka; reduced inter-service dependency to <20%, significantly improving scalability and fault isolation
- Developed REST APIs for real-time payment execution, reconciliation, and transaction tracking across multi-tenant environments
- Improved system observability by 100% by implementing centralized monitoring with Elasticsearch, Kibana, Grafana, and Prometheus dashboards
- Achieved 95%+ test coverage using JUnit and Cucumber following a strict TDD approach
- Authored HLD/LLD design documents and contributed to architecture reviews for new payment flows
- Mentored 6+ junior engineers through structured onboarding, code reviews, and technical training sessions

Freelance Software Engineer | Multiple Clients (Remote)

Jul 2020 – Aug 2021

- Built a cloud-based file-sharing platform on AWS S3 with secure, encrypted access controls
- Developed a Vendor Management System that improved quotation comparison efficiency by 50x
- Delivered backend-driven e-commerce applications with dynamic filtering and scalable API design
- Created a real-time price comparator tool using PostgreSQL and a responsive frontend UI

Software Engineer | Cerner (Now Oracle Health), Bengaluru

Aug 2018 – Jun 2020

Backend engineer on mission-critical radiology desktop applications in a healthcare setting.

- Improved system reliability of radiology desktop applications by 85% through targeted bug fixes and performance tuning
- Optimized SQL queries that reduced system downtime by 60%
- Reduced Fortify security findings by 90%, significantly strengthening application security posture
- Participated actively in debugging, code reviews, and production deployments

OPEN SOURCE — GOVSTACK / APACHE FINERACT

- Designed and implemented a P2G payment workflow system for government bill payments within the GovStack/Fineract ecosystem
- Built reusable, configurable payment orchestration flows adopted in official GovStack training materials
- Achieved 100% test coverage for all workflow validation scenarios

EDUCATION

Master of Computer Applications — Christ University, Bengaluru | 2018 | CGPA: 7.94

Bachelor of Computer Applications — VIT University, Vellore | 2015 | CGPA: 8.95

RESEARCH & LANGUAGES

Publication: *A Comparison of Recommendation Algorithms using Linked Data & Cloud*

Languages: English (C2 — Bilingual/Proficient) · Hindi (C2 — Bilingual/Proficient)