

# AMAN VERMA

☎ +91 7317270278 ✉ [aman247av@gmail.com](mailto:aman247av@gmail.com) 🔗 [linkedin.com/in/aman247av](https://www.linkedin.com/in/aman247av) 🌐 [aman247av](https://aman247av.github.io) </> [LeetCode](https://leetcode.com/aman247av)

## SUMMARY

Software Engineer with **1.5+ years** of experience building production backend systems end-to-end, from system design through deployment. Currently designing and building core platform systems for a greenfield **cross-border logistics** product; previously worked on high-throughput distributed stream-processing systems at **LinkedIn**.

## EXPERIENCE

### NAVIOM

Gurugram, India

**Software Engineer I** | TypeScript, NestJS, Next.js, PostgreSQL, Redis, RabbitMQ, GCP, Docker **Jul 2026 – Present**

- Own the **platform layer** of a cross-border logistics product built from scratch, shipping four versioned internal packages (Workflow Engine, Rules Engine, Integration Adapter Framework, and Vault) consumed by **6 services**.
- Designed and built the **Workflow Engine** end-to-end, a case management system turning operational exceptions into owned, **SLA-tracked** tickets through auto-assignment, maker-checker approvals, and evidence-gated closure.
- Built a unified partner **Integration Adapter** with retries, a cross-instance Redis sliding-window circuit breaker, and fail-closed routing; shipped a versioned **Rules Engine** at **p95 < 150ms**, with 75 unit and integration tests.
- Rolled out an AI-assisted delivery workflow with **Claude Code**, repo-level context, custom skills, and MCP-backed spec-to-test scaffolding and PR review, cutting **spec-to-merge time 40%** with human review and CI gates.

### MAQ Software

Noida, India

**Software Engineer I (Client: LinkedIn)** (intern → FTE) | Java, Kafka, Python, Flink, Linux **Jan 2025 – Jun 2026**

- Migrated LinkedIn's high-volume financial stream-processing pipeline from Samza to **Flink**, cutting Kafka I/O memory **45%** via object reuse and fewer intermediate allocations, and raising throughput **20%** through parallel execution and operator chaining.
- Built the tooling that scaled this migration across repos: automated code transformation, metric-gated progressive rollout, and checkpoint-aware rollback, cutting **manual effort 70%**.
- Built DAG-based model-lineage discovery and metadata collection for LinkedIn's MegaRefresh initiative, enabling reproducibility, tiering, and policy-gated publishing across **850+ models**.

## PROJECTS

[Nxacare](#) - SaaS Clinic Management Platform | [GitHub](#) | *Node.js, ReactJS, PostgreSQL, Redis, BullMQ, Docker*

- Built the appointment-booking system for a 10+ module clinic platform, with an **availability engine** reconciling doctor schedules, slot capacity, and concurrent requests to prevent double-booking.
- Architected the payment layer integrating **Stripe** and **Razorpay** via a factory pattern, with webhook signature verification and circuit-breaker gateway fallback.
- Automated notification, invoicing, and appointment workflows with **BullMQ** queues; built subscription billing with tiered plans, usage quotas, and feature gating.

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, SQL, C/C++

**Backend:** NestJS, Node.js, Spring, Django, REST APIs, gRPC, Microservices

**Databases & Streaming:** Apache Kafka, Apache Flink, Protobuf/Avro, PostgreSQL, Redis, MongoDB

**Cloud & DevOps:** GCP, AWS (EC2, RDS, Lambda), Docker, Kubernetes, GitHub Actions, CI/CD, Linux

**AI & Agents:** Claude Code, MCP, RAG, agentic coding workflows, AI-assisted code review

**Practices:** System Design, Distributed Systems, Data Modeling, Testing (unit/integration), Shell Scripting

## EDUCATION

**Indian Institute of Information Technology, Guwahati**

**Dec 2021 – May 2025**

*Bachelor of Technology in Computer Science and Engineering (CGPA: 8.59)*

*Guwahati, Assam*

## ACHIEVEMENTS

- Problem Solving:** Solved **250+** [LeetCode](https://leetcode.com) and **400+** [GeeksforGeeks](https://www.geeksforgeeks.org) problems.
- Amazon ML Summer School:** Selected as a mentee for Amazon Machine Learning Summer School 2024.
- COMSYS-23:** Ranked top 20 in the ML Kaggle hackathon organized by Jadavpur University & IIT Mandi.