

# ANURAG SINGH

Gurugram, Haryana, India

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## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Vue.js, Redux Toolkit, Zustand, Tailwind CSS

**Backend & AI:** Node.js, NestJS, Express.js, Python, FastAPI, Java, Spring Boot, Hibernate, Golang, GraphQL, OpenAI API

**Databases & Messaging:** PostgreSQL, MySQL, MongoDB, Redis, Apache Kafka, RabbitMQ, DynamoDB

**DevOps & Testing:** AWS, GCP, Docker, Kubernetes, Terraform, CI/CD Pipelines, Git, GitHub Actions, Playwright

## EXPERIENCE

### Software Engineer II

Mar 2025 – Present

Remote, India

- Architected the **SureFeedback platform** end-to-end with real-time collaboration, WebSocket connections, and distributed caching, scaling to **20,000+ users** with **sub-200ms** API response times across geographic regions.
- Designed a **microservices architecture using event-driven patterns**, establishing shared component libraries and automated CI/CD pipelines adopted across **5+ products**, reducing deployment cycles by **40%**.
- Delivered an **AI-powered automation engine** processing **10,000+ monthly requests** with context-aware feedback generation, intelligent task routing via asynchronous jobs, and custom prompt optimization achieving **85%+ accuracy**.
- Engineered an **idempotent payment SDK** with advisory locks, exponential back-off retries, and circuit breaker patterns, achieving a **99.9% success rate** across **2M+ transactions** while eliminating duplicate charges.

### Software Engineer

Dec 2023 – Mar 2025

Gurugram, India

- FuelBuddy
- Implemented a **high-throughput order management system** serving **100,000+ users** with database indexing and query optimization, reducing P95 response times from **800ms to 120ms** during peak traffic.
  - Built an **offline-first touchscreen kiosk** with IndexedDB synchronization and conflict resolution, deployed across **20+ locations**, cutting transaction completion time by **30%** through streamlined workflows.
  - Optimized a **route optimization engine** using geospatial clustering and shortest-path algorithms for **1,000+ daily deliveries**, reducing average delivery distance by **18%** and fuel costs by **15%**.

### Software Engineer

Aug 2022 – Dec 2023

Noida, India

- Cashaa
- Maintained a **cryptocurrency trading platform** processing **5,000+ daily transactions** with optimistic locking and connection pooling, achieving **99.5% uptime** during high-volatility periods.
  - Established **role-based access control** with granular permissions and audit logging, reducing onboarding time by **30%** while enforcing compliance across a multi-tenant architecture.

## PROJECTS

### Ottokit – Automation Platform

link

Engineered a scalable automation platform enabling workflow orchestration and third-party integrations, improving operational efficiency through event-driven processing and clearly aligning technical roadmaps with product teams.

### SureContact – Email Marketing Platform

link

Built a distributed email marketing system enabling bulk email delivery, campaign scheduling, audience targeting, and real-time engagement analytics. Developed asynchronous job queues, retry mechanisms, and rate-limiting strategies to ensure reliable, scalable, and compliant high-volume email transmission.

## COURSES & ACHIEVEMENTS

- Data Structures & Algorithms – Coding Blocks:** Completed 300+ hours covering arrays, linked lists, stacks, queues, trees, graphs, recursion, and time-space complexity.
- Wolf Award:** Recognized for consistent high performance, strong ownership, and measurable contributions across high-impact engineering deliverables.

## EDUCATION

### Bachelor of Technology in Computer Science Engineering

Institute of Foreign Trade and Management