

Anurag Shukla

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SKILLS

- **Backend:** Node.js, NestJS, Express, Spring Boot, Flask
- **Frontend:** React, Next.js, Astro
- **Databases:** PostgreSQL, MongoDB, Redis | **Cloud:** AWS, Docker, Kubernetes, Jenkins, Azure
- **Systems:** Microservices, Distributed Systems, REST APIs, gRPC, Kafka
- **Languages:** TypeScript, JavaScript, Java, Go, Python, C++

WORK EXPERIENCE

ORU Phones

Backend Engineer | Nov 2024 – Present

- Architect and develop backend services powering a marketplace platform serving 125K+ monthly users, designing APIs and microservices using **Node.js, Spring Boot, and Python**.
- Reduced AWS cloud costs by 40% by rightsizing EC2 instances, optimizing EBS volumes, and revising snapshot retention policies.
- Built internal tooling including a device diagnostic pipeline, user behavior analytics system, and monitoring dashboards, doubling conversion rates and enabling data-driven reliability improvements.
- Improved Core Web Vitals and API latency by decomposing monolithic APIs into smaller services, increasing user base by 25% and retention by 20%.

Full-Stack Developer Intern | May 2024 – Nov 2024

- Contributed to site performance and UX improvements, optimizing key user flows across the web platform.
- Developed user behavior tracking and curated feed generation systems, collecting interaction data and generating personalized content to improve discovery and user engagement.
- Designed and deployed a computer vision API for automated cosmetic defect detection from phone images, replacing a manual ~30-second inspection workflow and saving 8+ hours of daily manual review.

The Development Studio

Full-Stack Developer Intern | Jan 2023 – Jan 2024

- Built ERP solutions for [InvoiceIndia](#) using React, Node.js, MongoDB, and AWS Lambda, developing scalable backend APIs and interactive frontend modules.
- Implemented features enabling business owners to manage customers, inventory, shipments, invoices, and billing workflows from a unified platform.

PROJECTS

ENVOIX – Secure Credential Sharing Tool [Github](#) | [NPM](#)

Mar 2024

- CLI tool for securely sharing credentials across teams, eliminating plaintext credential sharing in dev workflows
- Designed a key-wrapping scheme enabling secure multi-party symmetric encryption with ACL, RBAC, and encrypted cloud backups.

Real-Time Auth & Security Dashboard [Github](#)

May 2024

- Built a real-time security dashboard with a Redis Pub/Sub pipeline handling ~5K events/sec on a single instance.
- Implemented IP rate limiting, 2FA, device fingerprinting, and an admin panel using Next.js, Node.js, Redis, and PostgreSQL

ACHIEVEMENTS

- **Hackathons:** HackBlitz (MMMUT) – Winner (2024) | DevHeat (IIIT Surat) – Winner (2022)
- **Bootcamps:** Google Solution Challenge – Regional Bootcamp (2024)

EDUCATION

Madan Mohan Malviya University of Technology

Bachelor of Technology, Computer Science and Engineering | GPA: 7.93/10

Gorakhpur, IND

Nov 2021 – May 2025

Relevant Coursework: Computer Networks, Operating Systems, Distributed Systems, DBMS, Intelligent Systems, Software Engineering