

# Girish Ashok Gaikwad

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## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, C, SQL (Postgres), MongoDB

**Frameworks & Tools:** Next.js, Node.js, React Native, Express, FastAPI, Tailwind CSS, Git, Docker, Jest, Postman

**Cloud & Databases:** GCP (Cloud Run, BigQuery, Storage), MongoDB, Postgres, Pinecone, GridFS

**Spoken Languages:** Marathi (Native), Tamil (Fluent), Hindi (Fluent), English (Professional)

## EXPERIENCE

### Software Engineer (Intern)

Jun 2025 – Nov 2025

*Thoothukudi Police (Cybercrime Branch)*

*Remote*

- Built data-driven platform predicting crowds and optimizing 1,000+ parking slots across 5+ zones for Mahakumbhabhishekham festival, integrating ML/AI for real-time forecasting
- Enabled proactive deployment across 5+ zones and 20+ streets, improving public safety and reducing manual coordination by 45% for 50,000+ citizens

### Backend & Product Engineer (Intern)

Feb 2025 – Oct 2025

*EQ-rev (Startup)*

*Hybrid*

- Built scalable SaaS platform for brands on Zepto, Blinkit, and Instamart, providing pincode-level insights across 1,000+ stores
- Developed automated GCP pipelines, reducing 100+ hours/month manual effort, enabling 3+ live brands to make real-time data-driven decisions

### Full Stack Developer (Intern)

Aug 2024 – Apr 2025

*Crayon'd (Startup)*

*Onsite*

- Redesigned backend services, replacing 10+ legacy jQuery modules with modern APIs, restructuring 11+ endpoints, migrating raw SQL to ORM, improving performance by 35%
- Developed tax-related modules (invoices, WHT, VAT) for 3+ foreign clients, automating calculations and reducing manual effort by 50%

## PROJECTS

### AI-Driven Export & Trade Solutions for Indian SMBs | *Next.js, FastAPI, PyTorch, MongoDB, Pinecone* | 📄

- Built modular microservices to streamline export documentation, boosting workflow efficiency by 40%
- Automated 14+ export documents using LLMs (LLaMA, DeepSeek, Gemini, Grok), reducing processing from 7 days to under 4 hours

### AI-LED Scheme Recommendation Platform (SIH24) | *Next.js, React, Postgres, Node.js, MongoDB, Prisma* | 📄

- Engineered platform personalizing India Post's outreach across 600K+ villages with role-based modules and map-based visualization
- Developed LightGBM model with RAG chatbot for scheme recommendations, automating demographic mapping, cutting manual effort by 80%

### CNC Vault: Encrypted Document Management (Sakthi Hack) | *Next.js, Node.js, Express, GCP, GridFS* | 📄

- Built secure CNC vault leveraging GCP Cloud Storage for encrypted backups of PLC files across 5+ factory units
- Implemented role-based access and activity logs, reducing downtime risk by 40% and streamlining compliance

## EDUCATION

### Bannari Amman Institute of Technology

*B.Tech in Information Technology, CGPA: 8.53/10*

Erode, India

*Sep 2023 – Present*

## ACHIEVEMENTS & AWARDS

**SIH 2024 Finalist:** Developed AI/ML-powered PostalService platform, selected as top finalist among 100+ teams

**2nd Runner-Up - IIT Delhi Blue Print Challenge:** Secured third place among 100+ startups as only student-built prototype in Top 3

**Top 50 Campus Startups:** Selected for Google for Startups × Campus Fund 2025, receiving \$250,000 in Google Cloud credits

**Thoothukudi Police Recognition:** Awarded by SP Albert John for SECURE-FEST-OPS crowd management system deployment