

Tarun Ram

Chennai, Tamil Nadu | 📞 +91 9384014510 | ✉️ tarunram23@gmail.com | [🌐 LinkedIn](#) | [🐙 Github](#)

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science and Engineering and Business Systems (CSBS)

CGPA: 8.92

Vellore, India

Exp. July 2028

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, C++, Java, SQL, NoSQL

Frameworks: Next.js, React.js, Node.js, Tailwind CSS, FastAPI, LangGraph

Developer Tools: Git, GitHub Actions, Bash, Linux, Prisma, Docker, Redis

EXPERIENCE

Kone | Software Engineering Intern

May 2026 – June 2026

Azure, KQL

- Built a centralized Azure observability platform (Application Insights, Azure Monitor, KQL) across 12 microservices, eliminating manual health checks.
- Engineered a composite reliability scoring system detecting failures in <45 seconds, slashing mean incident response time by 78% across 3 production environments.

PROJECTS

Data Excellence Agent | Samsung PRISM

June 2026

Python, LangGraph, FastAPI, Qdrant, Redis, PostgreSQL, Presidio, Guardrails AI

- Built an autonomous multi-agent platform for Samsung using an Orchestration Engine (task planning, agent selection, execution monitoring) across 6 specialized agents — data source discovery, metadata intelligence, language usage analysis, drift & gap detection, and text/speech dataset creation.
- Enforced governance via a **Compliance Layer** (bias control, PII protection, lineage tracking) with shared memory and an Operational Intelligence Layer for continuous post-deployment feedback.

Weave - GitHub Repository Recommendation System

May 2026

Python, sentence-transformers, Qdrant, FastAPI, PostgreSQL, Redis

- Ingests GitHub repos, embeds them using **sentence-transformers**, and indexes vectors in **Qdrant** to surface personalized repo recommendations ranked by a learning-to-rank model.
- Deployed a **FastAPI** inference service with **Redis** caching and a feedback loop for signal collection, enabling real-time ranked repo feeds with continuously improving recommendations.

OCS Recruitment Platform

Dec 2025

Next.js, TypeScript, CockroachDB, Redis

- Built an Applications Portal serving **50+ interviewers** and **1,000+ applicants**; optimized schema and Redis caching to keep median query latency <100ms.
- Replicated a browser experience within the browser using Next.js and Tailwind CSS, featuring advanced tab management and multitasking capabilities to boost reviewer productivity.

HONORS & ACHIEVEMENTS

1st Place, Electro-Hack (Yantra 2025) | VIT's flagship hardware hackathon; 300+ participants

Feb 2025

Rank 12, CodeSummit 2.0, DY Patil RAIT | Qualifying round; 600+ participants

Dec 2025

EXTRACURRICULAR

ACM Student Chapter, VIT

April 2025 – Present

Core Committee Member

Vellore

- Led technical operations and judged **Code2Create** (1.5k+ participants), ensuring event stability and impartial evaluation.
- Orchestrated **Cryptic Hunt** CTF (400+ participants) and built a problem submissions portal for **Reverse Coding** (500+ participants), handling end-to-end logistics, judging, and full-stack development from design to deployment.