

JAYRAJ GAWADE

SIH 2025 Runner-Up · LLM Systems, Real-Time Apps & Computer Vision · 3 Internships · 7 Shipped Products
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SUMMARY

Final-year IT student (DBATU, 2026) targeting LLM/RAG systems engineering and backend SDE roles at Indian product companies. Shipped 7 live-deployed products spanning FinTech ML, multi-LLM orchestration, full-stack engineering, and freelance client web development across 3 internships. SIH 2025 National Runner-Up among 72,000+ participants nationwide.

EXPERIENCE

Innovation & Startup Incubation Intern

May – Oct 2025

DBATU Forum of Innovation, Incubation & Enterprise · Lonere, MH

- Owned technical feasibility decisions for 20+ startup ideas across AI, Web, and IoT; 5+ projects greenlit for incubation funding.
- Recommended 10+ founders on scalable architecture choices, reducing pivot risk and downstream re-architecture costs across greenlit projects.
- Designed and deployed the official DFIE website (dbatuiiec.com), a live institutional platform for a Section-8 company, built with Next.js and deployed on Vercel.

AI/ML Developer Intern

Dec 2024 – Jan 2025

AICTE · Tech Saksham (Microsoft & SAP) · Remote

- Built a computer-vision plant disease detection system achieving 92% classification accuracy on low-resource edge devices.
- Optimized the ML inference pipeline, cutting mobile latency by 120ms to enable real-time field detection.

Software Developer Intern

Jul – Sep 2024

Punon Technologies Pvt. Ltd. · Mira Road, MH

- Refactored the SSR pipeline in Next.js 14, cutting LCP by 25% and reducing bounce rate for 500+ daily active users.
- Engineered REST APIs and UI components that reduced feature development cycles by 15%, while maintaining 99.9% GCP uptime.

Freelance Web Developer — Independent Client Projects

2025 – 2026

cemwell.com · horizonskinhairclinic.com · edvantage.org.in

- Independently built 3 production platforms end-to-end (frontend design to scalable architecture) — CemWell Energy (oil & energy), Horizon Skin & Hair Clinic (dermatology, Ulwe), and Edvantage (LMS for hosting/selling courses) — each live on Next.js/Vercel.

PROJECTS

Executive Digital Footprint Stock Predictor (MQI)

Jul 2025 – Feb 2026

managementqualityindex.vercel.app · Python · Groq · LangChain · Next.js

- Built a multi-threaded scraper ingesting 100+ executive news and social sources daily, with end-to-end data lag under 3 minutes.
- Designed a Groq LLM classifier with a RAG pipeline achieving 91% accuracy on executive stance detection across earnings calls and press releases.
- Built a signal engine delivering 62% directional accuracy on a 12-month backtest across 30 Nifty-tracked stocks.
- Authoring a research paper targeting Financial Innovation, a Q1 Scopus-indexed journal.

AI Council — Multi-LLM Adversarial Consensus Engine

2025

aicommittee.vercel.app · Next.js · Node.js · Multi-LLM API Orchestration · Vercel

- Architected a parallel inference system routing each query to 9 LLMs simultaneously, with a user-selected Council Head scoring and synthesizing the highest-confidence response.
- Implemented adversarial cross-referencing between models to surface hallucinations and flag inconsistencies, producing consensus-grade output with reduced single-model bias.

Mentor Sarthi

Feb – Jul 2025

mentorsarthi.com · React · Node.js · MongoDB · WebRTC

- Built a mentorship platform serving 200+ active users, featuring peer-to-peer WebRTC video conferencing.
- Engineered role-based dashboards for mentors/mentees with automated session scheduling and real-time progress tracking.
- Implemented async messaging and secure cloud-native file storage for sharing educational resources.

SKILLS

Languages: Python, JavaScript, TypeScript

AI / ML: LangChain, RAG, Groq API, OpenCV, scikit-learn, Fine-tuning, MLOps (Vertex AI)

Backend & Web: React, Next.js, Node.js, Express, REST APIs, WebSocket, WebRTC, Redis, Socket.io, Tailwind CSS

Databases: PostgreSQL, MongoDB, Firebase, SQL

Cloud & DevOps: GCP, AWS, Docker, Kubernetes, Terraform, GitHub Actions, Vercel

Core CS: Data Structures & Algorithms (Arrays, Trees, Graphs, DP), OOP, Operating Systems, Computer Networks, DBMS

Simulation (SIH): MATLAB, RoadRunner, Simulink

EDUCATION

B. Tech, Information Technology — Dr. Babasaheb Ambedkar Technological University, Lonere

2022 – 2026

Class XII & X — Don Bosco Senior Secondary School, Navi Mumbai

2020, 2022

ACHIEVEMENTS

- Smart India Hackathon 2025 Runner-Up — National Runner-Up among 72,000+ participants nationwide; MATLAB / RoadRunner / Simulink build.
- Google Cloud Diamond League — 65K+ points, 50+ courses, 60+ badges.
- EDC Lead — Led 12 members across 15+ events; connected 100+ students with mentors.
- Sponsorship Lead — Raised ₹1.5L in 3 days against a ₹10K target — 15x goal, via strategic outreach.

CERTIFICATIONS

GCP: Kubernetes, Terraform, MLOps (Vertex AI) — Google Cloud [Validation →](#)