

ARYAN JAISWAL

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EDUCATION

Vellore Institute of Technology (VIT), Bhopal

Bhopal, India

Bachelor of Technology in Computer Science and Engineering

Aug 2024 – Aug 2028 (Expected)

- Relevant Coursework: Data Structures & Algorithms, Probability & Statistics, Linear Algebra, Database Management Systems, Machine Learning

EXPERIENCE

3Skill

Remote

Web Development Intern

2 Months

- Built full-stack product modules end-to-end using the MERN stack, shipping React front ends against RESTful Express/Node APIs backed by MongoDB
- Implemented core authentication and application features and optimized API query performance, improving responsiveness of key user flows

ShadowFox

Remote

Web Development Intern

1 Month

- Shipped full-stack features on a 1-month delivery timeline; developed RESTful APIs with MongoDB for CRUD operations and reusable, responsive React components

PROJECTS

EngineX – AI Career Intelligence Platform for Engineering StudentsPersonal Project

- Built a platform that acts as a digital twin of a student's academic journey, tracking skills, projects, and coursework to compute a Career Readiness Score for target roles (SWE, GenAI Engineer, Data Scientist, Cybersecurity Engineer)
- Designed a Knowledge Decay Engine that models what students are likely to have forgotten and auto-schedules smart revisions
- Built an Action Engine that uses LLMs to turn skill gaps into a personalized daily task list and project roadmap aligned to each student's career goal

AI Travel Assist – Real-Time Collaborative Trip PlannerPython, Gemini API, SerpAPI, NLP, Geolocation

- Developed an NLP geolocation engine surfacing hidden points of interest within a 10 km radius, auto-categorized into 3 priority states in real time
- Integrated Gemini API + SerpAPI for live pricing, hours, and review data, improving recommendation relevance 40% over baseline search
- Redesigned the concept around one-tap bookable recommendations (via affiliate APIs) and collaborative group planning instead of a static itinerary, to build a durable moat and monetization path beyond generic AI planners

SKILLS & INTERESTS

Technical: Python, C++, SQL, Machine Learning, PyTorch, TensorFlow, LangChain, Hugging Face Transformers, FastAPI, MongoDB/Express/React/Node.js, Git & GitHub

Languages: English (Fluent), Hindi (Native)

Interests: Financial markets, applied AI/ML research, competitive programming