



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Vellore Institute of Technology, Vellore	9.34	2023-Present
CBSE	Nalanda Academy, Kota	83.60%	2023
ICSE	Hilltop School, Jamshedpur	96.40%	2021

AWARDS AND ACHIEVEMENTS

- Ranked among the **top 6 percentile** out of **1 million candidates** in Joint Entrance Examination Mains held in January 2023.
- Top **5% among 5000+** students after first-year, earning a **Department Change** to Computer Science Engineering, with a cumulative CGPA of **9.56**.
- Received a **Merit Scholarship Award** for securing **Rank 1** in my previous branch of engineering (ECE).

PROJECTS

Futurepreneurs 10.0 Website | Technical Team Member

Nov '24 - Dec '24

Objective: Develop a registration portal and quiz platform for Futurepreneurs 10.0 with over 2200 student registrations

- Engineered a **full-stack web portal** using **Next.js, HTML, and CSS** to streamline registration for **2200+ students**.
- Enabled dynamic **team formation via system-generated codes**, ensuring seamless collaboration and access.
- Architected and deployed Round 0 **quiz module** with **MongoDB**-backed persistence and scalable access for all teams.
- Developed Round 1 as a real-time bidding system using **WebSockets** for synchronized **multi-user interactions**.

MediBot | AI-Powered Medical Chatbot

May '25- June '25

Objective: Develop a context-aware chatbot to assist users with medical queries using advanced NLP and real-time interaction

- Built a **medical chatbot** using **LangChain, FAISS, Hugging Face Transformers, and LLMs**.
- Integrated **Google OAuth2** with **Express and MongoDB** for secure **user authentication**.
- Designed a responsive **React UI** with **Tailwind CSS** and **Framer Motion** animations.
- Enabled **real-time chat** with persistent sessions and scalable **full-stack architecture**.

E-Summit Website | Technical Team Member

Feb '25- Mar '25

Objective: Develop a registration portal and event management platform for E-Summit with over 4500 registrations

- Built a **full-stack platform** using **TypeScript, Next.js, MongoDB, HTML, and CSS** for **five parallel events**.
- Enabled **student-led team creation** with auto-generated codes and seamless in-platform collaboration.
- Developed Round 0 as an **interactive quiz system** for evaluating baseline knowledge of all teams.
- Designed Round 1 as a live **instinct-based challenge** with **WebSocket-driven real-time** updates.

TECHNICAL SKILLS

- Programming and Scripting languages:** C | C++ | Python | Javascript | Typescript | MatLab | Java | HTML | CSS
- Tools and Libraries:** MongoDB | LangChain | NextJs | Git/Github | ReactJs | ExpressJs | StreamLit UI

CERTIFICATIONS & COMPETITIONS

Generative AI using IBM Watsonx | IBM Skills Developer

May '25 - June '25

- Completed **Generative AI using IBM Watsonx**, issued by **IBM & Adroit Technologies** – **Scored 96/100**.
- Covered **foundation models, prompt engineering, and GenAI application workflows**.
- Built and deployed **GenAI apps** using **Watsonx.ai Studio, Prompt Lab, and IBM Cloud APIs**.
- Codeforces:** Achieved peak rating of 1110 ,with a highest global rank of 5712 in Codeforces Round 1038.
- Codechef:** Achieved rating of 1487 (2*), with global ranks of 470 (Starters 190) and 471 (Starters 196) Competition.

POSITION OF RESPONSIBILITY

Senior Technical Executive | Entrepreneurship Cell, VIT Vellore

Jan '24 – Mar '25

- Organized 2 **flagship** events of our club attracting over **6000+** students combining both the events.

Volunteer for Halls and Refreshments Department for our College Fest Riviera '25.