



## 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.
- Ranked in the top **1% of 5000+** students after first-year, earning a **Department Change** to Computer Science Engineering based on academic excellence, 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 2024 - Dec 2024

*Objective: Deployed a registration and quiz platform for Futurepreneurs 10.0, serving over 2,200 students.*

- Engineered a **full-stack web portal** using **Next.js, HTML, and CSS**, reducing manual tracking effort by **90%**.
- Implemented automated **team formation via system-generated codes for 400+ teams**, ensuring seamless collaboration and access.
- Architected and launched Round 0 **quiz module** with **MongoDB**-backed storage, ensuring stability under **500+ concurrent requests**.

**MediBot | AI-Powered Medical Chatbot** May 2025 - June 2025

*Objective: Innovated a context-aware chatbot for resolving medical queries with over 90% response accuracy.*

- Created an intelligent chatbot using **LangChain, FAISS, Hugging Face Transformers**, trained on **100+ curated medical documents for domain-specific relevance**.
- Secured user access via **Google OAuth2**, integrated with **Express and MongoDB** for authentication.
- Crafted a responsive frontend using **React, Tailwind CSS** and **Framer Motion** to deliver a smooth user experience.
- Enabled **real-time conversations** with persistent user sessions and scalable backend **architecture**.

**E-Summit Website | Technical Team Member** Feb 2025 - Mar 2025

*Objective: Developed an event management platform for E-Summit, managing over 4500 registrations.*

- Constructed a robust full-stack solution using **TypeScript, Next.js, MongoDB, HTML, and CSS** to manage **5 simultaneous event tracks**.
- Orchestrated **student-led team creation for 300+ teams** with automated code generation and on-website validation.
- Developed an **interactive Round 0 knowledge quiz** module, tested by **3000+ users** with real-time scoring.
- Programmed a live, instinct-based **Round 1 challenge** powered by **WebSockets**, supporting **300+ participants**.

## TECHNICAL SKILLS

**Programming and Scripting languages:** C, C++, Python, JavaScript, TypeScript, MATLAB, Java, HTML, CSS

**Tools and Platforms:** MongoDB, Git/GitHub, Streamlit, FAISS, Vercel, Render

**Frameworks and Libraries:** Next.js, React.js, Express.js, LangChain, Hugging Face Transformers

## CERTIFICATIONS & COMPETITIONS

**Generative AI using IBM Watsonx | IBM Skills Developer** May 2025 - June 2025  
Completed **Generative AI using IBM Watsonx**, issued by **IBM & Adroit Technologies** – Scored **96/100**.

Covered **foundation models, prompt engineering, and GenAI application workflows**.

Designed and deployed **GenAI apps** using **Watsonx.ai Studio, Prompt Lab, and IBM Cloud APIs**.

- **Codeforces:** Achieved a peak rating of 1110 ,with a peak 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).

## POSITION OF RESPONSIBILITY

**Senior Technical Executive | Entrepreneurship Cell, VIT Vellore** Jan 2024 - Mar 2025

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

Volunteer in the **Halls and Refreshments Department for Riviera '25**, the annual cultural fest of our college.