

EDUCATION

- Vellore Institute of Technology

Bachelor of Technology - Computer Science and Engineering; GPA: 9.09

Bhopal, India

Aug 2022 – Aug 2026

• St. Patrick’s Higher Secondary School

ISCE: Percentile: 88.2

Asansol, India

May 2020 – May 2021

• St. Patrick’s Higher Secondary School

ICSE: Percentile: 94.6

Asansol, India

May 2018 – May 2019

SKILLS

• Programming Languages

Python, JavaScript, Java, C++, SQL, C#, LookML

• Cloud Platforms

AWS, Google Cloud Platform, Microsoft Azure

• Frameworks and Libraries

TensorFlow, OpenCV, FastAPI, LangChain, React, Node.js

• Tools and Technologies

Docker, GitHub, GitLens, MongoDB Atlas

PROJECTS

• NeuroScanX – ADHD Detection via fMRI (Sep 2024 – Nov 2024):

◦ Developed a deep learning framework integrating spatial and temporal fMRI scan data, reducing diagnostic time by 40%.

◦ Engineered a Conv3D-LSTM model achieving 82% validation accuracy on 3D MRI scan datasets.

◦ Optimized data pipelines and model training workflows, decreasing processing time by 30%.

• CraftConnect – Local Services Platform (Feb 2025 – May 2025):

◦ Built a full-stack platform connecting users to verified professionals, increasing booking rates by 45%.

◦ Deployed a serverless backend with improved API response time by 60ms, supporting 500+ concurrent users.

◦ Integrated AI chatbot for instant customer support, achieving a 92% query resolution rate.

• DataVista – Cloud Data Analytics Dashboard (May 2025):

◦ Developed an interactive dashboard application analyzing business KPIs from large-scale datasets.

◦ Built automated data pipelines with BigQuery and SQL, reducing manual reporting by 70%.

◦ Delivered real-time insights and visualizations through a cloud-based dashboard for business teams.

EXPERIENCE

• AI Club - VIT, Core Member

Oct 2023 – Apr 2025

◦ Project Development: Spearheaded the development of 3+ AI-driven projects and organized technical workshops, hackathons and interactive sessions, engaging and impacting 100+ participants throughout the university.

• Indian Space Lab - Intern

Dec 2024 – Jan 2025

◦ Satellite Data Analysis: Developed a framework for automated quality control of satellite data, detecting over 1,000 anomalies per month and ensuring data integrity for downstream applications.

INDUSTRIAL INTERNSHIP AND CERTIFICATION

• AWS Solutions Architect - Associate Internship Program (May 2025)

• GEN AI Using IBM Watsonx, IBM (May 2025)

• Google Cloud Data Analytics, Google (Apr 2025)

• Foundational C# with Microsoft, Microsoft (Dec 2024)