



Education

MPSTME, NMIMS University	2023 - 2027
B. Tech in Information Technology	
CGPA: 3.64/4.00	
Moolji Jaitha College	2021 - 2023
HSC: 81.17 %	
St. Teresa's Convent Higher Secondary School	2021
SSC: 93.00%	

Projects

Insurance Assistant for Document Search and Policy Q&A -2025

1. Developed a secure Fast API-based RAG pipeline that ingests insurance PDFs, parses them with PyMuPDF generates embeddings, stores them in FAISS, and retrieves relevant chunks for citation-backed answers using LLMs.
2. Built a responsive Frontend interface- with voice input, file upload, document selection, theme toggle, seamlessly integrated with backend retrieval workflow.

Deep Learning Crop Disease Detection System – 2025

1. Built and deployed a real time web app that classifies crop diseases with 92% accuracy using TensorFlow and OpenCV improving early diagnosis
2. Pre-processed 25K+ plant image samples and trained CNN models reducing false positives by 18% using image augmentation technique.

Internships

Indian Institute of Technology, Patna – May 2025 – July 2025

- Researched Deep Learning and Graph Neural Networks for phishing detection, contributing to an Explainable STGNN model for Ethereum phishing user identification.
- Achieved 91% precision and 88% recall using PyTorch Geometric and Explainable AI techniques.

BSA Consultants, Navi Mumbai – Remotely, June 2025 to Sept 2025

1. Developed a responsive corporate website using React, improving user engagement and navigation experience.
2. Built reusable components and implemented REST API integration, enhancing scalability and functionality.

Certifications & Publications

IBM Skills Build, From Learner to Builder – Become an AI Agent Architect

- Completed a project on *Agentic AI* gaining hands-on experience in AI agent design and development.

IEEE Conference paper on Agentic AI

- Agent Execution Control Layer (AECL) for Organizational Multi-Agent Systems, applying Spring-based runtime policy enforcement and simulation-driven evaluation.

CORE SKILLS

Technical Skills

Programming languages: Python, Java, SQL, JavaScript, React framework

Databases & BI tools: MySQL, Firebase (Auth, Fire store, Storage), Power BI, Tableau

AI / Machine Learning: PyTorch, OpenCV, Fast API

Tools: Git, GitHub, Figma / UI Prototyping, Postman API Testing

Coursework: Data Structures & Algorithm, Object-Oriented Analysis & Design, SOLID principles, Operating Systems, Database Management Systems, Data Warehousing & Mining

Soft Skills: Peer Collaboration, Accountability, Adaptive Mindset

Achievements and Positions of Responsibility

Corporate Outreach, Coding Club

- Secured sponsorship worth 10,000+ and managed tech partnerships, increasing club funding and event scale by 50%.

SAS Curiosity Cup, 2022

- Co-authored a paper on biodiversity and illegal deforestation, performing data preparation, analysis, and problem-solving using SAS tools; ranked in the top 10% globally (Global Rank 39).