

Summary

Computer Science student specializing in AI/ML with experience also in full stack development. A highly motivated student with strong technical, communication and presentation skills who is ready to implement his learnings and skills to real life problems. Has experience in building accessible and user centric applications

Skills

Programming: Python, C++, SQL, JavaScript
Web Development: React, Tailwind, Django, Flask
AI/ML: TensorFlow, PyTorch, scikit-learn, OpenCV, NLTK
Tools: Azure, Git, GitHub, Docker, Excel, PowerPoint, Word
Databases: MySQL, PostgreSQL, MongoDB
Soft Skills: Collaboration, Leadership, Adaptability

Experience & Leadership

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| GenAI Solution Developer Intern, ROVA (Botter Solutions Pvt Ltd) | May 2025 – July 2025 |
| At a fast-paced GenAI startup, engineered vision-parsing pipelines with LLaMA Parse, YOLOv11/v8 by navigating real-world constraints, debugging edge cases, and collaborated effectively with cross-functional teams following SDLC methodology. | |
| Microsoft Learn Student Ambassador (Beta) | Jan 2024 – Present |
| Delivered 3 Azure/AI workshops to 150+ students (92% satisfaction), delivered Git/GitHub, ML tutorials. | |
| General Secretary, Hindi Club | Jul 2024 – Present |
| Created UTR verification & QR systems reducing processing time by 70% across 1,500+ transactions and 1000+ attendees | |
| Student Coordinator, SPACEVITA | Oct 2024 |
| Led event coordination for a 300+ attendee university event featuring the Former ISRO Director, documentary. | |

Projects

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| ElderAI – Intelligent Memory Companion Full-Stack AI System | |
| Next.js 15, React 19, Supabase, Gemini, Grog, Jitsi SDK | July 2025 – Present |
| • Built a production-ready AI-powered elderly care platform enabling multimodal memory capture (text, voice, images), intelligent conversational retrieval, and real-time collaboration between elders, families, and clinicians using Next.js 15, Supabase, and React Native. | |
| Document Approval System Software Development | |
| React, CSS, Firebase, SDLC | June 2025 – July 2025 |
| • Built a platform to streamline the university's document approval process by enabling online submission, tracking, and feedback—cutting approval time from days to hours and eliminating repeated physical visits. | |
| VITAL-AI Full-Stack Web App | |
| Machine Learning, Python, React, TensorFlow, Flask | Feb 2025 - Mar 2025 |
| • Developed a comprehensive platform during a HackByte 3.0 at IIITDM Jabalpur that combines daily health monitoring (Google Fit sync, water and fasting trackers) with real-time disease risk prediction using Random Forest models. | |
| • Designed intuitive UI dashboards and Flask APIs to visualize health trends, flag risks, and recommend doctor visits based on combined vitals and diagnostic results. | |
| Advanced Parkinson's Detection via Speech Analysis Artificial Intelligence | |
| LSTM Neural Networks, Python, GRUs, GAN | Jan 2025 - Feb 2025 |
| • Engineered a Bi-LSTM model to detect early Parkinson's disease from speech, achieving 93% average accuracy with strong F1-score and precision on benchmarked datasets (with 195 entries). | |
| • Research paper and results submitted to Elsevier's AI in Medicine journal (Scopus indexed) for publication. | |

Achievements & Competitions

Competitive Programming

- CodeChef: **1599-rated** with consistent monthly contest participation.
- LeetCode: Solved **200+** problems across DSA domains.
- Strong foundation in algorithms and problem-solving.

Hackathons & Competitions

- Bank of Baroda Hackathon: **Top 20** among 5,000+ participants with AI Financial Advisory solution.
- Canara SuRaksha Cyber Hackathon: **Top 1%** - Won special prize of Rs 25000 in finals.
- ACWOC25 (Open Source): **3rd place** among 600+ participants for code quality and innovation.

Certifications

Applied ML in Python (University of Michigan)
Google IT Support Certificate

Azure AI Document Intelligence Solution
Google Code-in 2019