







NAMITHA L

B.Tech CSE, VIT Bhopal University | CGPA: 9.18 (Current:9.53)

Tamil Nadu | Currently in Bhopal, MP

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|  [Leetcode](#)

PROFESSIONAL SUMMARY

Results-driven Computer Science undergraduate with experience in full-stack development, AI, and NLP applications. Proven ability to design and deploy real-world tools and publish research on collaborative AI systems. Seeking to contribute innovative, scalable solutions in a dynamic tech environment.

CORE SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript

Frameworks/Tools: React.js, Tailwind CSS, Git, Vercel, VS Code

Domains: Machine Learning, Natural Language Processing, LLMs, UI/UX

Coursework: DSA, OOP, OS, DBMS, AI & ML, Human-Computer Interaction

PROJECT EXPERIENCE

- AI Study Planner — STU-END
 - Built an AI-powered planner that auto-generates and reschedules study tasks based on user input and completion rates
 - Integrated a checklist system, motivational dashboard, and customizable themes
- AI Chatbot for Bhopal Museum
 - Designed an NLP-powered assistant for museum visitors, improving information access and reducing manual queries
 - Implemented backend prompt logic and responsive UI
- Caregiver Tool for Alzheimer's Support
 - Developed a reminder and stress-relief app for caregivers with automated alerting and UX-optimized design
 - Delivered functional MVP within 36 hours, receiving peer recognition
- Mentor-Mentee Task Management System

- Created an AI-based mentorship platform with task tracking, calendar scheduling, and chatbot interaction
 - Implemented matching logic based on skills and preferences
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RESEARCH & INITIATIVES

Book Chapter (Springer, 2025): “Multimodal Data Processing and Multi-Agent Systems” — Co-authored chapter covering LLMs, HCI, and collaborative AI architectures

Tech Challenges & Upskilling:

- 160 Days of DSA Challenge — Solved 160+ problems
 - 100 Days of Code — Completed full-stack mini projects
 - AWS Cloud Practitioner (in progress)
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INTERNSHIP EXPERIENCE

Data Engineering & Cloud Intern — AMASQIS.AI (Remote | May 2025 – Present)

- Working on a live GIS (Geographic Information System) project focused on spatial data processing and cloud-based storage optimization
- Assisting in designing ETL pipelines for geospatial datasets using cloud tools
- Collaborating with the data team to streamline deployment of analytics-ready datasets to scalable infrastructure

Project Management Intern — Pawzz Foundation (Remote | Nov 2024 – Dec 2024)

- Led documentation and communications for social campaigns
 - Coordinated multi-stakeholder outreach and reporting
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LEADERSHIP & ENGAGEMENT

Student Placement Coordinator — VIT Bhopal

- Organized placement drives (Blue Yonder, TATA), supporting over 200 students
- Conducted resume reviews and mock interview prep

Community Involvement:

- Tech mentor for university hackathons and webinars
 - Active in AI learning circles and open-source initiatives
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CERTIFICATIONS

- NPTEL Top 5% — Intro to Machine Learning
 - NLP & Text Mining — Simplilearn
 - Python & C++ — Saylor Foundation
 - Cybersecurity — IBM SkillsBuild
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