

Namitha L

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SUMMARY

Aspiring AI/ML engineer with a strong foundation in deep learning, NLP, and computer vision. Experienced in building AI tools, authoring research, and leading high-impact projects. Proficient in Python, PyTorch, and cloud systems, with a proven track record in data-driven problem solving.

SKILLS

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

AI/ML: NLP, Prompt Engineering, LLMs (Mistral, GPT-4, DeepSeek), YOLOv8

Full Stack & Other Tools: React.js, Tailwind CSS, Supabase, Firebase, FastAPI, Git & GitHub, VS Code, Google Colab, AWS (learning), Agile basics, UI/UX (Figma, Canva), DSA (GFG 160 Days)

EXPERIENCE

Data Engineering & Cloud Intern

May 2025 – Jul 2025

AMASQIS.ai (Remote)

Built ETL pipelines to handle 100K+ GIS records; improved retrieval speed by 40%.

Enabled ML-readiness for large datasets with cloud-based optimizations.

Project Management Intern

Nov 2024 – Dec 2024

Pawzz Foundation (Remote)

Streamlined campaign documentation for 5+ NGOs; improved reporting clarity by 60%.

Handled outreach coordination and increased email response rate by 25%.

PROJECTS

Gender Bias Analyzer (Solo Project)

May 2025

LLM & Prompt Engineering

Built a Mistral-based LLM pipeline to detect and rewrite biased movie plots.

Handled 15K+ word inputs; iteratively tuned prompts for meaningful bias reduction.

SentryWallet – Hackathon Finalist – Team Lead

June 2025

BlockDAG Global Hackathon

Developed smart crypto wallet with encrypted key storage and social recovery.

Built with React, Supabase, Tailwind CSS, Solidity, and Ethers.js.

Deployed on BlockDAG testnet with features like on-chain inheritance and login.

AI Study Planner – STU-END (Solo Project)

Jan 2025 – Feb 2025

Productivity Tool

Created an AI-based study planner with auto-rescheduling, progress tracking, and motivational feed.

Built in React & Tailwind CSS; tested by 20+ users with positive feedback.

Caregiver Support Tool

Mar 2024

Alzheimer's Hackathon Project

Delivered MVP in 36 hours for caregivers with reminders and emotional support tools.

Focused on accessibility and user clarity for elderly usage.

Mentor-Mentee Task Dashboard

Apr 2024 – May 2024

Peer Task Management

Matched mentors and mentees via input-based pairing and availability.

Built dashboard for task progress tracking and calendar sync.

CERTIFICATIONS

- Top 5% – NPTEL: Introduction to Machine Learning
- NLP & Text Mining – SimpliLearn
- Python & C++ – Saylor & Great Learning
- Cybersecurity – IBM SkillsBuild
- Data Science Foundation – Great Learning

PUBLICATION

- **Book Chapter Contributor – Springer (2025):**
“Multimodal Data Processing and Multi-Agent Systems: Architecture, Applications, Challenges, and Opportunities.” – Under Peer Review

EDUCATION

VIT Bhopal University
B.Tech in Computer Science – CGPA: 9.18

Bhopal, MP
2023 – 2027