

Aditi Babar

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Education

VIT Bhopal University – Bhopal, Madhya Pradesh
B.Tech in Computer Science (Minor: Health Informatics) | GPA: 8.59/10 | Expected May 2026

Rajashri Shahu Mahavidyalaya Latur – Latur, Maharashtra
HSC (12th Standard) | 93.3% | Jul 2021

Vivekananda Public School – Partur, Maharashtra
CBSE (10th Standard) | 96.8% | Jul 2019

Technical Skills

- **Programming:** Python, C++, Java, SQL
- **Backend:** Flask, FastAPI (learning), API development, WebSocket (basics)
- **Frontend:** HTML, CSS, JavaScript, Axios
- **Database:** MongoDB (basics), SQL
- **Tools & Frameworks:** Git, Postman, Scikit-learn, MATLAB
- **Cloud:** GCP (basics), Model Deployment
- **Soft Skills:** Ownership, Team Collaboration, Seeker Mindset, Passionate Work Ethic

Experience

AI Intern – FurnoExpress (Dec 2024 – Feb 2025)

- Built and deployed ML models using Python and Flask.
- Conducted data preprocessing and feature engineering for business-driven predictions.
- Collaborated with cross-functional teams to deploy models in production environments.
- Created reusable modules with a focus on scalability and clean code.

Projects

Phishing Website Detection (Flask Web App)

- Created a backend system with Flask to detect phishing websites using supervised ML.
- Designed full-stack integration with HTML/CSS/JS frontend.

Stock Market News Web App

- Implemented live stock data retrieval using Axios and JavaScript.
- Built responsive UI with custom CSS, animations, and dynamic search features.

PCOS Fertility Support System

- Developed an SVM classifier in Python for medical prediction tasks.
- Experimented with multiple algorithms including decision trees and KNN.

Moses-Based Statistical Machine Translation

- Hands-on experience with SMT using Moses toolkit on Linux.
- Worked on training, tuning, and evaluation of translation models using BLEU.

Breast Cancer Detection in MATLAB

- Trained a CNN using AlexNet architecture for classification tasks.
- Focused on optimization and layer tuning for higher accuracy.

Achievements & Volunteering

- Solved 200+ problems on **LeetCode**, enhancing DSA proficiency.
- Participated in **AMEX Hackathon**, **Adobe Hackathon**, and contributed to **GSoC**.
- Led **Advitya 2023** cultural event, showcasing team leadership.
- Volunteered at medical and community service camps.

Languages

- English, Hindi, Marathi (Fluent)