Prathamesh Ramdas Naik

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PROFESSIONAL SUMMARY

Enthusiastic Computer Engineering student with a strong foundation in Python, Java, and C++, with hands-on experience in developing full-stack web applications and machine learning systems. A finalist in several hackathons, demonstrating problem-solving and teamwork abilities.

ACADEMIC PROFILE

B. E. in Computer Engineering with Honors in AIML	Aug 2021 – May 2025
A. P. Shah Institute of Technology, Mumbai University	CGPA:8.8
Higher Secondary Certificate (HSC)	June 2019 – May 2021
Mithibai College, Maharashtra State Board	Percentage: 88.5%
Secondary Education Certificate (ICSE)	March 2019
Children's Academy, ICSE Board	Percentage: 94.8%

SKILLS

Languages: Python, Java, C, C++, JavaScript, Go

Databases: MySQL, MongoDB, Firebase

Frameworks & Libraries: Flask, FastAPI, Express Js, React Js, MaterialUI, Node Js, Numpy, Matplotlib, Pandas

Misc.: Git/Github, Docker, Object-oriented Programming, DSA, Figma, Linux, Exploratory Data Analysis, Data Cleaning & Preprocessing, Machine Learning

ACHIEVEMENTS

Finalist, BuildForBharat Hackathon (ONDC)
- Devised an automated negotiation engine for buyer and seller app reducing the back-and-forth time by 60% and 30% more buyer and seller satisfaction, ranked among the top 50 teams out of 27,000 teams all over India.

Finalist, Fintech HumanAize Hackathon:
- Introduced a financial platform with features like a chatbot using the llama3 model, credit score management, loan repayment, and budget optimization, securing a spot in top 152 teams of numerous entries.

Participant, Hackwave Hackathon:
- Trained a XGBClassifier model for windmill power grid stability which had accuracy of 83%.

PROJECTS

HealthLedger – Decentralized Healthcare Data Exchange   **Jan 2025**
- Developed a decentralized healthcare application using Hyperledger Fabric and Express.js, integrating Firebase for user management. Designed a tamper-proof ledger storing 1,000+ document hashes to ensure medical record integrity and prevent fraud. Implemented role-based access control for doctors and patients, allowing patients to grant/revoke access to their records. Optimized blockchain transactions to achieve <2 sec query response time for secure and efficient data retrieval.

BloomBuddy – Plant Care Automation   **April 2024**
- Developed an IoT-powered plant care system using the MERN stack (MongoDB, Express.js, React.js, Node.js), integrating a chatbot powered by Llama 3.2 for plant care query resolution. Implemented a RESTful API for real-time monitoring and automated watering. The system deployed using Docker, leading to a 30% reduction in water usage and a 20% increase in plant survival rates.

Attendify – Facial Recognition Attendance System   **Oct 2023**
- Developed a web-based facial recognition attendance system using Flask and OpenCV, achieving a 40% time reduction in attendance marking compared to traditional methods. Utilized Python libraries (cv2, facial_recognition) to ensure accurate facial detection and user verification. Improved system efficiency, enabling a seamless user experience.

Wealth Wizard – Financial Management System   **May 2023**
- Developed a financial web app that integrated a Phi-3-powered chatbot for financial queries. Implemented features such as credit score tracking, loan planning, and real-time portfolio updates, utilizing stock market APIs and machine learning for data-driven insights. Ensured code quality and scalability, optimizing features for performance. Achieved a 30% improvement in user engagement and secured a top-152 ranking out of 3,000+ participants nationwide.