

Mrunmayee Phadtare

9966249911 | mrunmayeeph@gmail.com | [linkedin](#) | github.com/mrunmayeeph

PROFESSIONAL SUMMARY

Computer Science student with hands-on experience building full-stack applications, interactive user interfaces, and scalable backend services. Skilled in developing RESTful APIs, event-driven components, and secure, efficient data flows across modern web technologies.

EDUCATION

VIT Bhopal University

B.Tech in Computer Science (Health Informatics) , CGPA : 8.94

Bhopal

Sept. 2022 – May 2026

Vikas The Concept School

Senior Secondary (12th grade) , CBSE: 85.6

Hyderabad

2021

Vikas The Concept School

Secondary (10th grade) , CBSE: 95.4

Hyderabad

2019

TECHNICAL SKILLS

Languages: Python, C++, Java, SQL

Frameworks & Libraries: Flask, FastAPI, React, Node.js

Backend & System Design: RESTful Services, JWT Authentication, Microservices, CI/CD Pipelines

Full-Stack & Tools: Tailwind/Bootstrap, MongoDB, Docker, WebSockets, Postman

Core CS Foundations: Data Structures & Algorithms, Operating Systems, Databases, Computer Networks

PROJECTS

StockSense – AI-Powered Stock Trading App | React, Node.js, MongoDB, WebSockets

2025

- Built a React.js + Node.js + MongoDB dashboard enabling real-time tracking of 50+ stocks.
- Added WebSocket-driven live feed with REST endpoints for transactions and authenticated user actions.
- Applied forecasting models that boosted buy/sell signal reliability by 20%.
- Implemented portfolio analytics, alerting features, and history views on a scalable, CI/CD-enabled backend.

DataCleanser – Data Preprocessing Automation | Python, Flask, Pandas, React

2025

- Created a React + Flask platform for seamless CSV ingestion, review, and automated preprocessing.
- Developed optimized REST services for parsing and checks reducing manual handling by 60%.
- Integrated JWT-based authentication and secure session controls to safeguard user workflows.
- Introduced async task execution that halved the runtime of heavy preprocessing jobs.

PhishNet – Real-Time Phishing Detection | Python, Flask, XGBoost

2024

- Deployed a Flask API with a lightweight UI enabling sub-150ms real-time URL threat evaluation.
- Engineered a high-speed scoring pipeline using an XGBoost model, delivering over 90% prediction accuracy.
- Modularized feature logic into lexical, domain, and behavior units to streamline updates.

ACHIEVEMENTS

Smart India Hackathon (SIH) 2024 Led a 4-member team creating a React Native–Firebase app featuring 20+ digital archives, progressing to the internal shortlist of 60 teams.

NPTEL Artificial Intelligence Certification: Only 170 certified among 10,000+ candidates nationwide.

Vitronix Club : Design Team Member contributing to UI/UX and visual assets.

CERTIFICATIONS

FullStack Development with MongoDB — SmartBridge, 2025

IBM Generative AI using WatsonX — IBM, 2025

Databases for Developers: Foundations — Oracle, 2024