

# Mrunmayee Phadtare

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## 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

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|--|---------------------------------|
| <b>VIT Bhopal University</b><br><i>B.Tech in Computer Science (Health Informatics) , CGPA : 8.94</i> | Bhopal<br>Sept. 2022 – May 2026 |
| <b>Vikas The Concept School</b><br><i>Senior Secondary (12th grade) , CBSE: 85.6</i>                 | Hyderabad<br>2021               |
| <b>Vikas The Concept School</b><br><i>Secondary (10th grade) , CBSE: 95.4</i>                        | Hyderabad<br>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

|   |      |
|---|------|
| <b>StockSense – AI-Powered Stock Trading App</b>   React, Node.js, MongoDB, WebSockets<br><ul style="list-style-type: none"><li>Built a React.js + Node.js + MongoDB dashboard enabling real-time tracking of 50+ stocks.</li><li>Added WebSocket-driven live feed with REST endpoints for transactions and authenticated user actions.</li><li>Applied forecasting models that boosted buy/sell signal reliability by 20%.</li><li>Implemented portfolio analytics, alerting features, and history views on a scalable, CI/CD-enabled backend.</li></ul> | 2025 |
| <b>DataCleanser – Data Preprocessing Automation</b>   Python, Flask, Pandas, React<br><ul style="list-style-type: none"><li>Created a React + Flask platform for seamless CSV ingestion, review, and automated preprocessing.</li><li>Developed optimized REST services for parsing and checks reducing manual handling by 60%.</li><li>Integrated JWT-based authentication and secure session controls to safeguard user workflows.</li><li>Introduced async task execution that halved the runtime of heavy preprocessing jobs.</li></ul>               | 2025 |
| <b>PhishNet – Real-Time Phishing Detection</b>   Python, Flask, XGBoost<br><ul style="list-style-type: none"><li>Deployed a Flask API with a lightweight UI enabling sub-150ms real-time URL threat evaluation.</li><li>Engineered a high-speed scoring pipeline using an XGBoost model, delivering over 90% prediction accuracy.</li><li>Modularized feature logic into lexical, domain, and behavior units to streamline updates.</li></ul>   | 2024 |

## 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*