MEGHA SONAWAT

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SUMMARY

Final-year B.Tech Computer Science and Engineering (Artificial Intelligence & Machine Learning) student skilled in Python, React, and image classification. Seeking ML or software engineering roles to develop AI solutions.

TECHNICAL SKILLS

- **Programming**: Python, C++, Java, SQL, JavaScript, Solidity
- **Web Development**: HTML, CSS, React, Node.js
- **Machine Learning**: PyTorch, TensorFlow, OpenAI API, scikit-learn
- **Databases**: PostgreSQL, Firebase
- **Blockchain**: Smart contracts, Web3
- **Tools**: Git, VS Code, Docker

EXPERIENCE

Machine Learning Intern May 2025 – Present
Rubick AI, Remote

- Developing image classification model using Python, PyTorch, and CNNs for object detection.
- Preprocessing 5,000+ images with OpenCV and pandas to enhance model performance.
- Applying transfer learning with EfficientNet, targeting 10% accuracy gain.

PROJECTS

Finance Tracker with AI Budgeting Tips Oct 2024 – Present

- Built web app using OpenAI API to categorize 1,000+ expenses with budgeting tips.
- Integrated Finance API with React for real-time visualization.
- Tech Stack: React, JavaScript, HTML, CSS (GitHub)

Secrets – Password Manager Jun 2024 – Present

- Designed secure password manager with encryption for 100+ credentials.
- Used JavaScript, CSS, and Firebase for frontend and storage.
- Tech Stack: HTML, CSS, JavaScript, Firebase (GitHub)

EDUCATION

B.Tech, Computer Science & Engineering (AI & ML) Oct 2022 – Present
VIT Bhopal University, Bhopal
CGPA: 8.43/10 | Coursework: Machine Learning, Data Structures, NLP

Class XII, CBSE 2022
Geetanjali Olympiad School, Raipur
Percentage: 75%

Class X, CBSE 2020
St. Patrick's Academy, Raipur
Percentage: 82%

CERTIFICATIONS

Privacy and Security in Online Social Media, NPTEL (Jan–Apr 2025) | Computer Vision, Vityarthi (Dec 2024) | Applied Machine Learning in Python, Coursera (Jul 2024) | Python Programming, LinkedIn Learning (May 2024) | Simulink Onramp, MathWorks (Mar 2024)