

Rahul Yashwant Sutar

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Objective

Final-year Computer Engineering student proficient in software development, machine learning, and cybersecurity, seeking a role to apply Python, React, and machine learning algorithms to innovative projects.

Education

B.E. in Computer Engineering, Suman Ramesh Tulsiani Technical Campus, Pune 2022–2026
CGPA: 8.29/10

Skills

- **Programming:** Python (Advanced), Java, C, JavaScript, SQL
- **Web Development:** HTML, CSS, Bootstrap, React
- **Machine Learning:** Classification, Regression, Clustering, scikit-learn, TensorFlow, GPT API, Data Preprocessing
- **Databases:** MySQL, SQL Server
- **Tools:** VS Code, GitHub, Scapy, SSMS
- **Concepts:** OOP, DBMS, Data Structures, Agile Development

Projects

AI English Coach (2025) GitHub

- Engineered web-based ML tool for English learning, processing 500+ conversations using React, Flask, GPT API.
- Achieved 90% accuracy with supervised learning and applied K-Means clustering for topic analysis.

RideCompare (2024) GitHub

- Developed web app for fare comparison across Uber, Ola, Rapido using HTML, CSS, JavaScript.
- Reduced query time by 50% with optimized API integration, supporting 100+ daily users.

Deepfake Detection (Final-Year Project, 2025)

- Built ML model with Python, scikit-learn, TensorFlow to detect deepfakes in 10,000 samples (85% accuracy).
- Improved feature analysis efficiency by 20% using K-Means clustering.

Experience

Cybersecurity Intern, Prodigy Infotech Jan–Feb 2025

- Developed encryption tools (Caesar Cipher, image encryption) and a packet sniffer using Python, Scapy.
- Created an ethical keylogger that identified 10+ system vulnerabilities.

Certifications

- Machine Learning Specialization – Coursera (2025)
- Python for Everybody – Coursera (2024)
- Web Development – Udemy (2024)
- Cybersecurity Fundamentals – Prodigy Infotech (2025)

Soft Skills

Collaboration (3+ team projects), Communication, Problem Solving, Agile Workflow