





Sahil Choudhary

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EDUCATION

MIT WPU

B.Tech Computer Science and Engineering | CGPA: 8.52

Kothrud, Pune

Sep 2022 - Expected May 2026

Vinayak Sr. Sec. School

HSC - PCM | Percentage: 97/100

Sikar, Rajasthan

June 2021 - July 2022

EXPERIENCE

Steel Authority of India Limited

C&IT Department Summer intern

Chhattisgarh

June 17, 2024 - July 13, 2024

- Enhanced 'AttendPay' payroll system using JSP, Servlets, and Oracle Database, leading to a 15% reduction in payroll processing time through the deployment and creation of dynamic web pages.

IIT Guwahati

Summer Analytics 2024

Remote

May 27, 2024 - July 27, 2024

- Developed a comprehensive 2-month Data Science curriculum covering Python, Machine Learning, Data Cleaning, and Analysis from 25+ sources, resulting in 100% project completion rate on Network Anomaly Detection and DataHack for Predictions..

IoT Workshop

Instructor

Pune

March 22, 2024 - March 23, 2024

- Led IoT workshop instructing 50+ students on IoT basics and project implementation using Tinkercad and Arduino IDE, resulting in the successful completion of multiple mini IoT projects.

PROJECTS

Hack-Metro ([GitHub Link](#)) | Python, OpenCV, YOLO, TensorFlow

April 2024 - Present

- Developed safety solution for Pune Maha-Metro, reducing escalator falls and platform edge crossings by 80% using real-time CCTV analytics with Python and YOLOv8.
- Developed and deployed a sophisticated machine learning algorithm for object detection, increasing detection accuracy by 30% and reducing false positives by 25%, streamlining the workflow and enhancing data analysis efficiency.

TalentSync AI ([GitHub Link](#)) | NLP (Natural Language Processing), Advanced Analytics

March 2024 – Present

- Designed NLP solution matching job descriptions with profiles, boosting placements by 25% and ranking candidates by skills.
- Analyzed vast amounts of data to enhance talent engagement and hiring processes.

Network Activity Anomaly Detection ([GitHub Link](#)) | Supervised Learning Models, ML

March 2024 – Present

- Achieved 100% accuracy in developing a model to classify normal vs. "Neptune" (SYN flood) attacks in network activities.
- Presented on Ai Planet for IIT Guwahati, using 86,845 training and 21,712 test entries.

SKILLS

Languages and Tools: C/C++ | Python | Java | SQL | Oracle | HTML/CSS | Git/GitHub

Technical Skills: Data Structures and Algorithms | Machine Learning | Selenium | Cloud Computing | Operating System | Computer Networks | DBMS | Software Engineering and Project Management

Soft Skills: Problem Solving | Adaptability | Interpersonal Skills | Continuous Learning | Leadership

ACHIEVEMENTS

Academics: Secured 1st rank in 12th-grade board exams with 97% in PCM (Physics, Chemistry, Mathematics).

Hackathons: Unstop Talent Park Tech Semi-Finalist | PICT InC Semi-Finalist