

Rohan Sahu

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EDUCATION

- Vellore Institute of Technology** Bhopal, India
Bachelor of Technology - Computer Science and Engineering; GPA: 8.46 Aug 2022 - May 2026
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
- Padmavati Vidya Mandir** Raipur, India
Senior Secondary Certificate; Percentage: 97.6 Jun 2019 - Jul 2021

SKILLS SUMMARY

- Languages:** JAVA, Python, SQL, Scala
- Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, PyTorch
- Databases & Tools:** PostgreSQL, MySQL, Apache Kafka, Apache Airflow, Docker, Excel (Advanced), Tableau, Power BI
- Cloud & Platforms:** Windows, AWS, GCP, Azure
- Concepts & Techniques:** ETL Pipelines, Data Warehouse, Big Data Processing, Business Analytics, Generative AI, NLP
- Soft Skills:** Leadership, Adaptability, Problem-Solving, Communication, Interpersonal Skills, Multitasking

EXPERIENCE

- Omdena** Remote
ML Engineer (Project) Jun 2024 - Jul 2024
 - Impact:** Leveraged machine learning to provide advanced sports analytics for UEFA EURO 2024, contributing to insights that enhanced performance analysis.
 - Responsibilities:** Collaborated with a global team to preprocess data, train models, and derive actionable insights from open datasets.
- The VONG Movement** Remote
Product Owner (Part-time, Contractual) Apr 2023 - Jul 2023
 - Impact:** Increased user engagement in 3 months with a gamification strategy, driving significant growth in daily active users and session durations.
 - Responsibilities:** Led sponsorship and partnership teams in addition to primary responsibilities.
 - Reward:** Awarded Culture Ambassador of the Month- June for notable contributions.

PROJECTS

- CyberParcel (Facial Recognition System for E-commerce):** Designed and implemented a facial recognition model to automate and secure e-commerce deliveries. The system uses face detection and verification to ensure only authorized recipients can access deliveries. Tech: Python & OpenCV. (November '24)
- CITILENS (Crime Prediction and Visualization Platform):** Utilized AI and data analysis to predict crime hotspots, optimizing patrolling and resource allocation, and visualized data using Google API and QGIS-3. Tech: Python, Pandas, Scikit-learn, Google API & QGIS-3 (March '24)
- Personality Prediction through OCEAN values using Machine Learning Approach:** Compared multiple machine learning algorithms to predict personality types based on OCEAN (Openness, Conscientiousness, Extraversion, Agreeableness, Neuroticism) values. Tech: Python, Scikit-learn, Pandas & ML Algorithms (e.g., Decision Trees, Random Forest, SVM) (January '24)

ACHIEVEMENTS AND HACKATHONS

- Karnataka State Police Datathon 2024:** Led a team of 4, selected among nationwide submissions to the prototype development round.
- Bertelsmann Next Generation Tech Booster Program 2024:** Selected for the Bertelsmann Next Generation Tech Booster – Generative AI Track, among 16,000+ applicants worldwide.

VOLUNTEER EXPERIENCE

- Event Management Team Lead at Data Science Club, VIT** Bhopal, India
Organized events, developed strategies, and led higher participant turnout Apr 2023 - Present
- Technical Team Lead at IoT Club, VIT** Bhopal, India
Conducted several offline technical workshops and exhibitions for around 300 students. Dec 2022 - Feb 2024

CERTIFICATIONS

- University of Michigan (Coursera):** Applied Machine Learning in Python
- SWAYAM:** Privacy and Security in Online Social Media