OM SHETE

Pune, India • omshete930@gmail.com • +91-8459346238
LinkedIn • GitHub • Portfolio

SUMMARY

MSc AI & Data Science student (Indira University, Pune) with a BCA in Computer Science & Engineering from MIT-WPU, and hands-on experience in Python-based machine learning and data analytics. Built ML models for student performance prediction and credit card fraud detection using Scikit-learn, and completed a National Academic Immersion Program in ML & Deep Learning at MIT-WPU. Seeking AI/ML or Data Science internships to apply model-building, data preprocessing, and analytical skills to real-world problems.

EDUCATION

Master of Science (MSc) — AI & Data Science **2026 – 2028**
Indira University, Pune, India

Bachelor of Computer Applications (BCA) — Computer Science & Engineering **Aug 2023 – May 2026**
MIT World Peace University (MIT-WPU), Pune, India | CGPA: 7.6/10.0

Key subjects: Machine Learning, Data Mining & Warehousing, Data Structures, Algorithms, OOP (Java, C++), Python, Linear Algebra, Probability & Statistics, Discrete Mathematics

ACADEMIC PROJECTS

Student Performance Prediction System GitHub ↗

- Built supervised ML models (Linear Regression, Decision Tree, Random Forest) to predict student final scores from behavioral and academic features.
- Performed feature engineering and benchmarked model performance across algorithms using cross-validation and evaluation metrics.

Tools: *Python, Scikit-learn, Pandas, Matplotlib*

Credit Card Fraud Detection Using Machine Learning GitHub ↗

- Developed a fraud detection classifier using Random Forest and Logistic Regression on highly imbalanced financial datasets.
- Applied SMOTE and class-weight balancing to improve minority-class detection; optimized model for precision-recall performance.

Tools: *Python, Scikit-learn, Pandas, NumPy, Streamlit*

TECHNICAL SKILLS

Programming: Python, Java, C, C++, SQL

ML / Data Science: Scikit-learn, Pandas, NumPy, Matplotlib, TensorFlow

BI / Visualization: Tableau, Power BI, Microsoft Azure ML

Databases: MySQL, PostgreSQL

Languages: English (C1 — IELTS Band 7.0), German (A2/B1 — SPPU certified)

CERTIFICATIONS & TRAINING

- National Academic Immersion Program — ML & Deep Learning — MIT-WPU, Pune (June 23–28, 2025)
- IELTS Academic — Overall Band 7.0 (C1, CEFR) — British Council (Jan 2026, valid until Jan 2028)
- Microsoft Azure Machine Learning Fundamentals — Microsoft (2024–2025)
- Career Essentials in Data Analysis — Microsoft & LinkedIn Learning (2024–2025)
- Introduction to Career Skills in Data Analytics — LinkedIn Learning (2024–2025)

EXTRACURRICULAR & VOLUNTEERING

- Volunteer — NLC Bharat Capacity Enhancement Program, MIT-WPU (Feb 2025)
- Volunteer — Bharat Asmita National Awards Ceremony, MIT-WPU (Feb 2025)
- Participant — Bharatiya Chhatra Sansad (BCS), National Student Parliament, MIT-WPU (2024)