

Raghav Sharma

Machine Learning Engineer | AI Engineer | Data Scientist

📞 +91 9079211233 ✉️ raghav140476@gmail.com 🌐 raghavportfolio.in 🔗 linkedin.com/in/revron23 🐙 github.com/revron23

Summary

Machine Learning Engineer with 2+ years of academic and internship experience building 6+ ML systems across NLP, Computer Vision, and predictive analytics. **Oversaw** datasets up to 10K+ samples, **attaining** 95.6% accuracy. Skilled in Python, model optimization, feature engineering, and deployment workflows.

Education

VIT Bhopal University	2022 – 2026
B.Tech Computer Science & Engineering (AI & ML)	CGPA: 8.13

Technical Skills

Languages: Python, SQL, Java

Machine Learning: Classification, Regression, Random Forest, XGBoost, Feature Engineering, Cross-Validation

Deep Learning: CNNs, Transformers, TensorFlow, PyTorch

Data: Pandas, NumPy, EDA, SHAP, Statistical Analysis

Tools: Git, Docker, Streamlit, REST APIs, AWS, Jupyter, Colab

Domains: Computer Vision, NLP, Explainable AI, Predictive Modeling

Experience

- AI / ML Intern** Feb 2026 – Mar 2026
Evoastra Ventures (Remote)
 - Conducted ML experimentation across **4+ datasets**, **enhancing** preprocessing consistency by **25%**.
 - Evaluated models using accuracy, precision, recall, and F1-score metrics.
 - Maintained structured experiment tracking, ensuring reproducibility.
- Machine Learning Intern** Jan 2026 – May 2026
Unified Mentor (Remote)
 - Developed** ML workflows across **5+ datasets**, including feature engineering, training, and evaluation using Python.
 - Refined** model evaluation efficiency by **30%** through optimized validation pipelines.
 - Analyzed **10K+ records**, improved model stability across **3 training iterations**.

Projects

- UAC System Capacity & Care Load Analytics** April 2026 – May 2026
Python, Random Forest, Scikit-learn, Streamlit
 - Developed** a Random Forest forecasting pipeline delivering **7-day** UAC system-load projections from operational care-flow features.
 - Achieved $R^2 = 0.8767$, MAE 27.82, and RMSE 33.83**; surfaced feature importance plus pressure and anomaly signals.
 - Deployed** a Streamlit dashboard spanning **4 analytical modules** with scenario simulation and current-vs-predicted load comparisons.
- Customer Churn Prediction & Risk Scoring** Dec 2025 – Jan 2026
Python, Scikit-learn, SHAP, Streamlit
 - Built ML pipeline on **10,000+ records** with **25+ engineered features**.
 - Constructed 6 models**; **accomplished 88% accuracy** and **0.91 ROC-AUC**.
 - Lowered** false negatives by **32%**; deployed dashboard supporting **100+ predictions**.
- Gait Abnormality Detection using CNN** Jul 2024 – Oct 2024
TensorFlow, Deep Learning
 - Architected** CNN on **1,200+ samples**; **achieved 95.6% accuracy**.
 - Outperformed baseline ML models by **18–22%**; F1-score **0.96**.

Certifications & Achievements

- Top **1100 / 32,000** — Amazon ML Hackathon 2025
- IBM Adroit Foundation — Generative AI (2024)
- AWS Certified Solutions Architect — Associate (2024)
- Coursera — Applied Machine Learning in Python (2024)