

# Raghav Sharma

Machine Learning Engineer — AI Engineer — Data Scientist

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## Summary

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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

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VIT Bhopal University

B.Tech Computer Science & Engineering (AI & ML)

2022 – 2026

CGPA: 8.13

## Technical Skills

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**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

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- **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

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- **AI Resume Screening System** Jan 2025 – Mar 2026  
*Python, NLP, TensorFlow*
  - **Processed 5,000+ resumes** using NLP pipelines and embedding similarity.
  - **Elevated** job matching accuracy by **47%**.
  - **Decreased** screening time from **3 hrs** → **8 mins**; supervised **1,200+ requests/day**.
- **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

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- 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)