

Aman Nishad

Machine Learning Engineer

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Summary

Aspiring Machine Learning Engineer with strong knowledge of Python, Machine Learning, Data Analysis, and Data Visualization. Skilled in Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, and Docker. Experienced in building machine learning and data analysis projects, including data preprocessing, model training, and evaluation. Passionate about solving real-world problems using AI and continuously learning new technologies.

Key Skills

Programming Languages: Python

Machine Learning & Data Science: Scikit-learn, Pandas, NumPy, Feature Engineering, Data Preprocessing, Model Evaluation

Data Visualization: Matplotlib, Seaborn

Databases: MySQL

DevOps & Tools: Docker, Git, GitHub, Jupyter Notebook, VS Code

MLOps & Deployment: Docker, Model Training Pipelines, Batch Processing

Soft Skills: Problem Solving, Analytical Thinking, Communication, Continuous Learning

Experience

Machine Learning Projects

2025 – Present

Self-Learning & Personal Projects

- Built machine learning and data analysis projects using Python, Pandas, NumPy, and Scikit-learn.
- Performed data cleaning, preprocessing, visualization, and model evaluation.
- Created data visualizations using Matplotlib and Seaborn.
- Implemented Docker for application containerization.
- Used GitHub for version control and project management.

Projects

MLOps-style Batch Processing Pipeline

- Developed an end-to-end batch processing pipeline for Bitcoin market data using Python, Pandas, NumPy, Docker, Git, and YAML-based configurations.
- Implemented automated data ingestion, cleaning, transformation, and validation workflows to ensure data quality and reliability.
- Integrated logging, error handling, and metrics tracking for monitoring pipeline performance and simplifying debugging.
- Containerized the application with Docker and used GitHub for version control, enabling reproducible and scalable deployments.

Education

B.Sc in Biotechnology

Elphinstone College Mumbai

2026

Mumbai, India