

ANIF AMIN

AI & Data Science Enthusiast

Shopian, Jammu & Kashmir, India | +91 9682157434 | aanif804@gmail.com | <https://aanif001.github.io/my-portfolio/>

PROFESSIONAL SUMMARY

Enthusiastic AI/ML Engineer with a B.Tech in Computer Science, 120+ hours of certified Python training, and hands-on project experience in recommendation systems, regression modeling, and NLP-driven assistants. Proficient in Python, TensorFlow, PyTorch, scikit-learn, and SQL, with a proven ability to translate data insights into deployable solutions. Achieved Precision@10 of 0.16 for a hybrid recommender system serving over 3,000 users.

TECHNICAL SKILLS

Machine Learning:	Supervised Learning, Regression Modeling, NLP, Recommendation Systems, Prompt Engineering
Frameworks:	TensorFlow, PyTorch, scikit-learn, Streamlit
Languages:	Python, SQL, JavaScript, HTML
Tools & Platforms:	Git, Kali Linux, Kaggle, Forage

EXPERIENCE & TRAINING

Python with AI Trainee | PrernaGati & Technology (ISO 9001) Mohali | Jan 2024 - Jun 2024

- Completed hands-on Python and AI training, applying machine learning techniques at an ISO 9001 certified institute.
- Gained practical exposure to real-world AI applications including supervised learning and NLP pipelines.

Python Trainee | Infowiz - A Software Solution (ISO 9001) Chandigarh | Jul 2022 - Aug 2022

- Completed 120+ hours of intensive Python training covering core programming concepts at an ISO 9001 certified firm.
- Awarded Top Performer recognition for outstanding performance, strong work ethic, and innovative problem-solving.

PROJECTS

Hybrid Movie Recommender | ALS + Content-Based Filtering | Streamlit · TensorFlow

- Deployed a hybrid recommendation engine serving 3,238 users across 21,509 movies.
- Achieved Precision@10 of 0.16 using Alternating Least Squares (ALS) combined with TF-IDF content filtering.
- Optimized model training with TensorFlow, reducing training time by approximately 25%.

Multi-Modal AI System | Cross-Modal Understanding | PyTorch · scikit-learn

- Built an automated analytics pipeline integrating text and image modalities for cross-modal understanding.
- Engineered feature extraction using PyTorch for vision tasks and scikit-learn for text embeddings.

House Price Prediction | Regression Modeling | scikit-learn · SQL

- Applied scikit-learn's GradientBoostingRegressor, achieving RMSE of 0.12 after hyperparameter tuning.
- Extracted and transformed housing data using SQL queries prior to feature engineering and modeling.

Desktop Voice Assistant | Voice-Controlled Automation | PyTorch · NLP

- Built a speech-to-text pipeline with PyTorch for real-time voice command recognition.
- Automated web search and file management tasks using custom NLP-based intent parsing.

EDUCATION

Bachelor of Technology — Computer Science and Engineering Jun 2020 - Jun 2024

Universal Institute of Engineering and Technology, Mohali, Punjab

Class 12th — Science 2019 - 2020

Govt. Model Higher Secondary School, Zainapora, Shopian

Class 10th — 82.8% 2016 - 2017

Govt. Model Higher Secondary School, Zainapora, Shopian

CERTIFICATIONS

- Data Analytics Job Simulation** — Deloitte via Forage | April 2026
- Intro to Machine Learning** — Kaggle | April 2026
- Python with AI — Certificate of Training** — PrernaGati & Technology (ISO 9001) | Jan-Jun 2024
- Python Training Certificate (120 hrs)** — Infowiz - A Software Solution (ISO 9001) | Jul-Aug 2022

LANGUAGES

English | Urdu | Hindi