

MUHAMMAD DANIYAL

AI DEVELOPER INTERN

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PROFESSIONAL SUMMARY

Enthusiastic Computer Science and IT graduate with a strong foundation in Python, SQL, and AI/ML. Skilled in PyTorch for building and deploying deep learning models, with hands-on experience in data preprocessing, model training, and evaluation. Proficient in analytical problem-solving and familiar with Power BI and Excel. Seeking an entry-level AI Developer role to apply technical skills and contribute to innovative AI projects.

PROFESSIONAL EXPERIENCE

Creative IT Park - AI Developer Intern

Sep 2025 - Present

- Built and deployed AI models using PyTorch, focusing on real-world applications such as image classification and deep learning-based solutions.
- Gained hands-on experience in data preprocessing, model training, and evaluation, ensuring accuracy and efficiency.

Huawei - DOS Engineer Intern

June 2025 - July 2025

- Contributed to the Huawei GSC BO Project by delivering technical support.
- Assisted in the implementation and testing of new network solutions to ensure smooth project operations.

PROJECTS

Applicant Tracking System (ATS) | Python, Flask, SQLite, HTML, CSS, JavaScript

- Developed a rule-based engine to extract and parse resumes and job descriptions.
- Implemented structured data storage (SQLite) for candidate profiles and job data.
- Created a scoring algorithm based on skill match ratio and experience qualification.
- Integrated Flask web app for resume upload, parsing, and ranked candidate display.

Deep Learning Deployment: Real-Time MNIST Digit Classifier | PyTorch, Streamlit

- Built and trained a CNN model achieving 98%+ accuracy on MNIST dataset.
- Engineered a multi-layer CNN (Conv2D, MaxPooling, Dropout) for feature extraction and classification.
- Deployed model as a Streamlit web app with real-time image upload and webcam prediction support.

SKILLS

- **Programming Languages:** Python
- **AI/ML Frameworks & Libraries:** PyTorch, Scikit-learn, NLTK
- **Data Science & Analytics:** Data Preprocessing, Feature Engineering, Model Training & Evaluation, Hyperparameter Tuning (GridSearchCV or RandomSearchCV), Statistical Analysis, Power BI, Excel, Pandas, NumPy, Matplotlib, Seaborn
- **Databases:** SQL (MySQL, PostgreSQL)
- **MLOps & Deployment:** Git, GitHub, Flask, REST APIs, Model Optimization & Monitoring
- **Soft Skills:** Problem Solving, Time Management, Team Collaboration, Logical Thinking

EDUCATION

Bachelor of Computer Science and Information Technology

Dec 2019 - Dec 2023

University of Azad Jammu and Kashmir

- Major in Information Technology.

CERTIFICATIONS

Certified in Artificial Intelligence and Machine Learning - NAVTTC

Jul 2024 - Sep 2024

- Proficient in Python for data analysis, model development, and evaluation.
- Skilled in supervised & unsupervised learning (regression, classification, clustering).
- Experienced in hyperparameter tuning using GridSearchCV and RandomizedSearchCV.

Python - Great Learning

Jun 2024 - Jul 2024

- Demonstrates understanding of fundamental Python programming principles.

PORTFOLIO

- **Github:** <https://github.com/Daniyal-180>

LANGUAGES

- English
- Urdu