

Ahmad Islam

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Career Objective

Aspiring AI Engineer passionate about developing intelligent systems and leveraging machine learning to solve real-world problems.

Education

BS Artificial Intelligence, FAST-NUCES (2022–Present) – CGPA: 2.7/4.0

F.Sc Pre-Engineering, Punjab College (2020–2022) – 88%

Skills

- Python Programming
- Machine Learning & Deep Learning
- Data Preprocessing & Feature Engineering
- Neural Networks (CNN, RNN)
- Natural Language Processing (NLP)
- TensorFlow, PyTorch
- Data Visualization (Matplotlib, Seaborn)
- Problem Solving & Teamwork

Experience / Internships

AI Engineer Intern — CodSoft (Dec 2023 – Jan 2024)

- Developed predictive models and implemented supervised learning algorithms.
- Preprocessed datasets and optimized model accuracy using Python and NumPy.
- Contributed to the deployment of machine learning models for real-time inference.

AI Research Intern — Prodigy InfoTech (Jan 2024 – Mar 2024)

- Worked on computer vision tasks involving image classification and segmentation.
- Utilized convolutional neural networks (CNNs) for image feature extraction.
- Collaborated with a team to improve dataset quality and model robustness.

Projects / Research

Comic Image Processing — Image Segmentation Project

- Extracted useful components like text, characters, and objects from comic images while removing borders and gaps using Python and OpenCV.
- Applied image processing and clustering techniques for object separation.

AI Chatbot for Student Support

- Designed an intelligent chatbot using NLP techniques for query handling.
- Implemented using Python, Transformers, and Hugging Face API.

Achievements / Extracurricular Activities

- Member, FESS-WEB-DEV Society (FAST Entrepreneurship and Startup Society)
- Completed Python Programming Internship at CodSoft
- Participated in AI & ML Hackathon 2024
- Volunteer, TechExpo FAST 2024