

Atiqa Shaheen

Junior AI / ML Engineer

Computer Science student specializing in **Artificial Intelligence (AI)** and **Machine Learning (ML)**, with strong foundations in **NLP**, **Digital Image Processing (DIP)**, and **Database Systems**. Focused on building **data-driven solutions** and solving real-world problems.



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EDUCATION

Bachelor of Science in Computer Science

Namal University Mianwali

Oct 2022 - Jul 2026 | Mianwali, Pakistan | 3.79/4.00 CGPA

Courses

– Object Oriented Programming, Algorithms, Software Engineering, Parallel and Distributed Computing, Artificial Intelligence, Machine Learning, Deep Image Processing, Discrete Mathematics, Operating System, Computer Networks, Information Security, Cyber Security, Natural Language Processing, Mobile Application Development

PROJECTS

Multi-Disease Brain Detection using Federated Learning | Final year project

ML models, Web Development, Databases, Cloud Deployment

Built a brain disease detection system achieving 97% accuracy using custom CNN, transfer learning, and federated learning for privacy-preserving multi-client training.

Bagicha – Smart Gardening Mobile App

Flutter, Dart language, Firebase

Designed a smart plant care mobile app with plant search, minders, and digital garden management using Firebase and external APIs.

Phishing Link Detection

Python, Machine Learning

Built a machine learning system to classify phishing and legitimate URLs with data preprocessing, feature extraction, and model evaluation.

WORK EXPERIENCE

Intern

Speridian Technologies

Worked on real-world industry tasks in a professional environment, learned modern development workflows and teamwork practices

Multan, Pakistan

Teaching Assistant

Namal University

Assisted in teaching Python programming concepts and problem-solving techniques

Mianwali, Pakistan

SKILLS

Python C++ C# Flutter React.js Node.js Angular

JavaScript TypeScript HTML CSS Dart MYSQL

PostgreSQL REST APIs Version Control(Git) Postman

Deep learning AI Tools Pytorch Bootstrap Flask

Firebase AWS Data Preprocessing Docker CI/CD

ACHIEVEMENTS

Academic Scholarship recipient

Namal University, Mianwali

Startup Weekend Lahore, Women's Edition 2026

LUMS

Participated in Startup Weekend Lahore – Women's Edition 2026, pitching Miraas, a secure digital inheritance system, and earned a certificate of participation.

Innovative Ideathon

Namal University, Mianwali

Won 1st prize for innovative project Brainica that is a multi disease brain diagnosis platform using federated learning.

CERTIFICATES

Supervised Machine Learning

Coursera

Completed a course on Supervised Machine Learning: Regression and Classification, focusing on core models and real-world applications.

Advanced Learning Algorithms

Coursera

Completed the Advanced Learning Algorithms course, covering neural networks, deep learning fundamentals, and practical model implementation.

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

ML Model training AI-powered applications

Technology Exploring