

GHAZAL ARYEM

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📍 Sadiqabad, Rawalpindi, Pakistan 46000

SKILLS

Technical Skills: Python, FAST API, Flask API, machine learning, Deep Learning, scikit-learn, NLP, HTML, CSS, Tailwindcss, JavaScript, React, Node.js, Next.js, MySQL, MongoDB, Firebase, AWS S3, Git, GitHub,

Soft Skills: Teamwork, Effective Communication, Growth Mindset, Keenness to learn

EXPERIENCE

Siber Koza-NASTP

2 months

Full stack Intern

Rawalpindi, Pakistan

- Design and develop the e-commerce platform in both Web and Web App making the front-end dynamic pages and make backend also integrate database with backend and then integrate backend with Flask API and frontend in React Native and React.js/Next.js .

FYP Project - NUML

2023 – 2025

Web & AI/ML developer

Islamabad, Pakistan

- Designed and developed backend APIs for AIRRR, an AI-powered resume recommendation tool, integrating Python, MongoDB, and AWS S3 for scalable and secure performance.
- Built and validated 4–5 machine learning models, improving recommendation accuracy through rigorous testing on diverse datasets and made the Fronted Dynamic Pages for the project using React.js

PROJECTS

3legent E-Commerce Website | Python, Flask API, Firebase, React.js, Next.js, Tailwindcss

(Link)

- Developed a full-stack e-commerce platform using React/Next.js and Tailwind CSS, delivering a responsive, modern UI with seamless user experience.
- Integrated Flask-based RESTful APIs for authentication, product, and cart management, and used Firebase for real-time database and storage to support dynamic product and order handling.

AIRRR | Python, FAST API, MongoDB, ML, AWS S3, React.js

(Link)

- Built and deployed an end-to-end machine learning pipeline in Python for predictive analytics, matching, and extraction, using MongoDB for data management and AWS S3 for cloud storage and deployment.
- Designed a comprehensive testing framework for the model API and evaluated 4–5 models using precision, recall, and F1-score to identify the most effective solution across diverse datasets.

BookStore Management | .NET MVC, C#, SQL Server, Entity Framework, OOP

(Link)

- Developed a full-featured management system using .NET, C#, Bootstrap, and MVC to perform CRUD operations for books, authors, genres, and publishers.

Student Management | Android Studio, Java, Volley API, Firebase

(Link)

- Designed and developed a mobile application to perform full CRUD operations for student data, with Firebase integration for real-time storage.

EDUCATION

National University of Modern Languages

2021 – 2025

Bachelors Degree in Computer Science (CGPA: 3.25/4.00)

Islamabad, Pakistan

CERTIFICATES

- Introduction to Programming using HTML and CSS — Google
- Programming with JavaScript (Meta) — Coursera
- Git/GitHub Foundation — DataCamp
- Speaking English Professionally — Coursera