# RANA FAIZAN ALI

WEB & APP DEVELOPER

Linkdin :  rana-faizan-ali-7b4b02252/

Portfolio : portfolio-rana-faizan03.vercel.app/

Email : ranafaizaan03@gmail.com

Github  : faizan-03

Mobile: +92 334 4822783

## EDUCATION

**University of Gujrat**                                                                 Gujrat, Pakistan

Bachelors of Computer Science; CGPA : 3.54                        **Nov 2022 - Present**

**Superior College M.B.DIN**                                                      M.B.DIN, Pakistan

FSc Pre Engineering; Grade : A+                                            **Nov 2020 - July 2022**

## SKILLS SUMMARY

- **Language** :            Javascript, Python, C#, C/C++ , SQL, Dart
- **FrameWork** :          Express, Flask, Asp .net Core, Flutter, FASTAPI, Tailwind, Bootstrap
- **Library** :             Reactjs, Pandas, NumPy,  Scikit-learn , Tensorflow, Transformer
- **Tools & Platforms** :  Git & Github, MS office , VS Code, Postman , J Notebook , Mongodb
- **Soft Skills**          Collaboration, Teamwork, Analytical Reasoning, Leadership, Adaptability

## WORK EXPERIENCE

**AI Powered  AutoAid App | BIC Gujrat**                          **March 2025 - Present**

- Real-time fuel delivery and mechanic booking app using Flutter and React, featuring role-based access for users, mechanics, and showroom admins to manage bookings and dispatch operations efficiently
- Integrated a machine learning model for dynamic route optimization, achieving a 20% reduction in fuel consumption and service response time.
- Developed scalable backend APIs with FastAPI, enabling seamless integration between mobile app, admin panel, and machine learning services.
- Conducted in-depth research on fleet behavior and maintenance trends to inform feature development, enhancing platform efficiency and strategic decision-making.

## PROJECTS

**University Chatbot FAQ** | **LINK**                                                     **MAY 2025**

FastAPI, FAISS, Sentence Transformers, MongoDB Atlas

Designed a semantic AI chatbot for university admission queries using local embeddings and FAISS vector search, with an integrated admin panel for FAQ management, vector retraining, and secure role-based access control.

**AI Research Assistant** | **LINK**                                                      **JUNE 2025**

Python, ChromaDB, Brave Search API, Embeddings, PDFKit

Developed a multi-agent AI system that generates research reports from thesis topics by performing semantic web scraping, content ranking, summarization, and compiling results into a well-structured PDF.

**Real-Time Chat App** | **LINK**                                              **DEC 2024 - JAN 2025**

MERN Stack, Socket.io, JWT, Zustand

Implemented a secure, real-time messaging system with authentication, responsive UI, profile management, and Zustand-based state handling, delivering a seamless and intuitive communication experience.

**Student Management System** | **LINK**                                **SEP 2024 - DEC 2024**

.NET Blazor, C#, Razor Pages, JWT

Developed a role-based academic platform for managing student records and attendance, emphasizing dynamic operations, robust form validation, and data integrity.

**E-Commerce App** | **LINK**                                              **JUNE 2025 - JULY 20225**

Flutter, Firebase, Firestore, Provider, Push Notifications

Built an e-commerce mobile app with real-time product browsing, order placement, and in-app admin chat using Firestore and Firebase Cloud Messaging for live updates and push notifications.

## CERTIFICATES & ACTIVITIES

| | |
|---|---|
| Prompt Engineering | Feburary 2023 |
| Introduction To Javascript | September 2023 |
| Flutter Development | December 2024 |
| AI & ML Fundamentals | November 2024 |
| Flutter Firebase Integration | December 2024 |
| .NET Blazor & C# | September 2024 |
| Introduction to Serverless Development | March 2025 |