MUHAMMAD FIAZ

MOBILE APP DEVELOPER

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SUMMARY

Aspiring Mobile Application Developer with a strong foundation in information technology and hands-on experience in Flutter, Dart, and Firebase. Skilled in developing user-centric applications with a focus on performance, usability, and real-world impact. Proven ability to lead teams and deliver innovative mobile solutions through academic and professional projects. Passionate about building intuitive applications that solve meaningful problems and enhance user experiences in dynamic environments

PROFESSIONAL EXPERIENCE

Mobile App Developer (FeynLearn – AI-Powered Learning App)
University Final Year Project | **Mar 2025 – Present**
Tech Stack: Flutter, Dart, Firebase, Supabase, groq API, OpenRouter API

- Developed an educational mobile application utilizing Flutter, Dart, and Firebase to assist students in understanding complex concepts through AI-driven content summarization and interactive tools.
- Improved student engagement by **40%** through features such as flashcards, quizzes, and real-time chatbot interactions.
- Reduced average study time per topic by **60%** using automated AI content summarization.
- Applied the **Feynman Technique** to promote the "teach-back" method, improving long-term retention.

Technical Documentation (FeynLearn – AI-Powered Learning App)
Final Year Project | **Mar 2025 – Present**

- Created complete project documentation including detailed chapters on System Architecture, Feature Description, and Testing.
- Authored 50+ structured unit and functional test cases across all project modules using a professional template format.
- Designed interactive UI/UX mockups using Figma for all major pages before development to streamline frontend implementation.

Student & Team Lead (Craftfolio – Resume Builder Mobile App)
Dev Valley Institute (NAVTTC Program) | May 2025 – Present

- Selected for government-funded advanced training program focused on **cross-platform mobile app development** using **Flutter, Dart and Firebase**.
- Led a team of 4 junior developers, resulting in **100% milestone achievement** for the NAVTTC Resume Builder project.
- Achieved a **perfect score (100/100)** in the final NAVTTC project evaluation, recognizing technical excellence and leadership.
- Reduced Firebase read/write latency by **30%** through code refactoring and backend optimization.
- Integrated Firebase Authentication and Realtime Database to secure user data and streamline backend processes.

PROJECTS

FeynLearn – AI-Powered Learning App

University Final Year Project | **Mar 2025 – Present**

- Engineered an application that aids students in breaking down study materials into manageable content, generating summaries, flashcards, and quizzes.
- Integrated AI functionalities to provide interactive learning experiences, including a chatbot for personalized assistance.

Craftfolio – Resume Builder App

University Final Year Project | **Apr 2025 – June 2025**

- Developed a mobile app enabling users to build professional resumes with personalized templates in under 5 minutes using guided input forms and real-time validation.
- Emphasized an intuitive user experience through modern **UI/UX**, responsive design, and template customization, leading to a **25% increase in user satisfaction** (based on informal feedback).

SKILLS

Languages: • Dart • Java • Python • HTML • CSS • JavaScript
Frameworks & Tools: • Flutter • Firebase • Git • REST APIs
Databases: • SQL • MySQL • Firebase Realtime Database
Design & UI: • Figma • Responsive Design • Dark Mode
AI/NLP Integration: • Groq API • LlamaIndex • OpenRouter API
Soft Skills: • Team Leadership • Communication • Problem-Solving • Time Management

EDUCATION

Bachelor of Science in Information Technology   Nov 2021 – Present

Punjab University, Lahore

- Cumulative CGPA: 3.12 (6-Semester)
- Relevant Coursework: Mobile Application Development, Database Management, Software Engineering

Intermediate in F.sc Pre-Engineering   Sep 2018 – Sep 2020

BISE GRW, Gujranwala

- Marks Obtained: 695/1100

ADDITIONAL INFORMATION

- **Languages:** English, Urdu
- **Certifications:** Programming Essentials in Python – Cisco Networking Academy (Completed In 2024), Mobile App Development – NAVTTC (Ongoing)
- **Awards & Activities:** Team Lead for NAVTTC Mobile App Development Project, Mentor for junior developers at Dev Valley Institute