# Abdullah Sajjad

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## Professional Summary

**Passionate Flutter Developer** with over 1 year of experience building user-focused mobile applications. Skilled in integrating Firebase, designing responsive UIs, and enhancing app performance. Proven ability to deliver efficient solutions that boost user engagement and streamline workflows.

## Technical Skills

**Languages:** Dart, Javascript, Python, Java, C
**Libraries and Frameworks:** Flutter, React, NextJs, Tailwind CSS, Material UI
**Tools:** Android Studio, VS Code, Postman, Figma, Git/Github, Linear, Jira, Slack
**Backend:** Firebase, Supabase, SQL Server, MongoDB, NodeJs, Django,, Vercel, AWS

## Experience

**Mobile App Developer**, Project-Based                                                      March 2024 – Present

- Enhancing the performance and scalability of **U.n.I, a Flutter, Riverpod, and Django-based** platform with **8,000+ users**, by optimizing state management and introducing new features, resulting in improved user experience and platform stability. LINK
- Designed and developed a **multi-gym subscription app** using Flutter and Firebase, offering offline exercise videos, personalized diet plans, and an admin panel, **boosting user engagement by 20%**. [LINK]
- Built a **school management system** with separate panels for administrators, teachers, and parents, improving communication efficiency by **25%** and streamlining attendance and result tracking. [LINK]
- Collaborated with businesses to **redesign and publish existing apps**, enhancing user experience and driving app ratings on the Play Store.
- Led the development of **Buzzats**, a university social app that offers timetable access, room availability, and campus assistance [LINK]

**Software Engineer Intern**, HeadStarter AI Fellowship                                       July 2024 – Sept 2025

- Developed **Scriptly**, an AI-powered script generator, enhancing creators' global reach with multilingual content and driving **content quality improvements** for platforms like TikTok and Instagram. [LINK]
- Built **CodeFlash**, an AI-driven SaaS tool that creates flashcards from user queries, achieving **20% user growth in its first month**. [LINK]
- Created **UniBuddy**, an AI chatbot addressing over 100 queries in its initial weeks, significantly improving student support services. [LINK]

**Mobile App Lead**, IEEE RAS CUI                                                             Sept 2023 – Feb 2024

- Led a team of 30 members to develop the chapter's first mobile app, streamlining workflows and enhancing collaboration. [LINK]

## Projects

- Built **MoodsAyah**, a mood-based Quranic Ayah platform using **React**, **Node**, **Express**, and **MongoDB**, delivering a personalized user experience through seamless API integration. [LINK]
- Developed a **Python** project to detect fake **Pakistani currency notes** using **image processing** and **SVM**, analyzing 70 test images to differentiate between genuine and counterfeit notes through feature extraction and classification algorithms. [LINK]

## Education

**COMSATS University**, BS in Computer Science [CGPA: 3.03/4.00]                              Sept 2021 - June 2025

- **Coursework:** Data Structures and Algorithms, OOP, Design and Analysis of Algorithms, Web technologies