

Moeen Ahmad

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Summary

Senior Mobile App Engineer with strong experience building reliable mobile apps using Flutter and Dart. Skilled in Clean Architecture, MVVM, and feature-based development, with hands-on experience in state management using Provider, GetX, and Bloc. I focus on performance, responsiveness, and localization, and have solid experience with API integrations, Firebase/Supabase, CI/CD, and deployment to PlayStore and AppStore. I've also worked on Generative AI and Agentic AI Systems, built REST-APIs, and handle DevOps tasks when needed. Outside of development, I enjoy public speaking and sharing knowledge with others.

Skills

Languages: C++, Dart, Python

Tools: Android Studio, Xcode, VS Code, Github, Github Actions, Figma, Docker, Postman, AWS, GCP

Mobile App Skills (Core): Flutter(iOS and Android), Dart, AI-Powered Apps, Clean Architecture, MVVM, Feature-Based Structure, Responsive UI, Localization, REST APIs Integration, Firebase/Supabase, Stores(Play/App) Deployment, TestFlight, CI/CD

Generative AI (Secondary): Python, LangChain, LangServe, LlamaIndex, Vector Databases, AI Chatbots, RAG Systems, Agentic AI Systems, Voice Assistants, RestAPIs Development, Cloud Deployment, DevOps

Soft Skills: Public Speaking, Communication, Problem Solving, Creativity

Experience

Lead Software Engineer, Flutter Craft, London, England (Remote) May 2025 – Present

- Lead a team of developers and designers to deliver high-quality, efficient, and user-friendly software solutions, while managing communication with local and international clients to ensure clear requirements and successful execution.
- Contribute hands-on to Flutter Mobile App and AI-Based Projects, combining strategic planning, engineering expertise, and team guidance to build high-performance software that solves real-world problems.

Senior Mobile App Developer, Cloud Business Co., Dammam, KSA (Remote) July 2025 – Feb 2026

- Built cross-platform mobile apps using Flutter for Saudi Arabia users, delivering user-friendly UI with Arabic/English localization and backend integration using REST APIs and WebSockets.
- Led the full development lifecycle, including mentoring junior engineers, conducting code reviews, managing CI/CD pipelines, and handling App Store / Play Store deployments using TestFlight and Firebase App Distribution. Implemented features such as Face ID, biometrics, NFC, and device permissions.

Junior Mobile App Developer, Giant Tech Solutions LLC, Wyoming, US (Remote) June 2024 – June 2025

- Worked on end-to-end mobile app development using Flutter, covering UI design, business logic, state management, backend integration, and deployment.
- Developed AI-powered mobile solutions with clean and user-friendly interfaces, efficient state management using Provider, GetX, and Bloc/Cubit, and real-time data integration through APIs and backend services.

Junior Mobile App Developer, Iplexsoft, Peshawar, Pakistan (OnSite) Dec 2023 – May 2024

- Contributed to Flutter-based mobile applications within an Agile team, actively participating in sprint planning, daily stand-ups, and iterative development.
- Worked on UI design and feature development, integrating REST APIs, implementing Google Maps for real-time tracking and route optimization, and applying state management techniques like Provider to improve app performance and reliability.

Projects

BeesApp

Play Store and App Store

- I developed and manage BeesApp, an app in Saudi Arabia that rewards users through store promotions. I handle development, backend integration, testing, and deployment with Arabic/English support. The app features NFC/QR scanning, Face ID, and biometrics for a smooth and secure experience.
- Tools Used:** Dart, Flutter, Provider, RestAPIs, Localization, Deployment, CI/CD

MamaMate AI

Live on GitHub - But Private

- I designed and built a full-stack mobile app for pregnant womens, handling Flutter App Development, a FastAPI-based backend, and Generative AI features. The app delivers pregnancy-related services with a smooth user experience and reliable data flow.
- Tools Used:** Dart, Flutter, Getx, Python, Rest APIs, Agentic AI, RAG System

Apaale User App

Play Store and App Store

- I designed and developed a mobile app for transporting goods and individuals, handling UI design, backend integration, and deployment. The app integrates APIs with an admin panel, includes Google Maps for real-time location tracking, and supports localization for english/arabic languages.
- Tools Used:** Dart, Flutter, Provider, RestAPIs, Google Maps API

Apaale Driver App

Play Store and App Store

- I worked alongside a senior developer on a driver-focused mobile app, part of the apaale project. I contributed to UI design, API integrations for communication between user and driver apps, Google Maps navigation, and Firebase-based real-time notifications.
- Tools Used:** Dart, Flutter, Provider, RestAPIs, Google Maps API

M3KOM User App

Live On AppStore

- I worked on a communication platform connecting experts and seekers, where I handled UI fixes, payment gateway integration and issue resolution, API integration, localization, testing, and deployment. The project was not fully developed by me, but my contributions focused on improving stability, transactions, and overall user experience.
- Tools Used:** Dart, Flutter, Getx, RestAPIs, Calling Service, Payment Gateway

Artabia iOS App

Live On AppStore

- I developed and managed Artabia, a platform for artists to upload, showcase, and sell their artwork, including paintings, sculptures, and digital art. I handled full-stack development, backend integration, testing, and deployment with Arabic/English support. The app connects creators with art enthusiasts and buyers worldwide, providing a smooth and secure experience.
- Tools Used:** Dart, Flutter, Getx, RestAPIs, Payment Gateway

Ava Voice Assistant App

Live On GitHub

- I collaborated with classmates on a semester project to build a voice-based AI assistant mobile app. The app supports voice-to-voice interaction powered by Gemini, uses text-to-speech/speech-to-text, and stores conversation history in Firebase for a smooth and interactive user experience.

- Tools Used:** Dart, Flutter, Provider, Gemini, Github Actions

Tiktok Content Filter App Demo

Live On GitHub

- Developed as a demo for a client, this Android accessibility app automatically detects and skips TikTok videos containing specific keywords in captions. Built with Flutter and Kotlin, the app provides a seamless and responsive user experience while demonstrating real-time content filtering.
- Tools Used:** Dart, Flutter, Kotlin, Channels

Education

University of Engineering and Technology(UET), Peshawar, BS in Computer Science

2022 – 2026

- GPA: 3.5/4.0

- **Coursework:**

- **Computation Intelligence: AI Therapist**(Live On Github) – I developed an AI-powered mental health support system with therapeutic conversations, real-time therapist data, emergency calling via Twilio, and persistent history, powered by a FastAPI-based REST backend.
- **Blockchain Technologies: Supply Chain Management System App**(Live On Github) – I developed a blockchain-based mobile app using Flutter, integrated with Ethereum smart contracts written in Solidity to enable secure and transparent supply chain tracking.

Languages

English (Fluent), Urdu (Native)

Awards

- Received various trophies and awards for securing the **Second Position In the District-Wide ICS(Intermediate In Computer Science) Board Examinations.**
- Recognized as a **Leader** among Nationally Talented Students during a trip organized by **KPBCC** and **IBCC**.