

Moeen Ahmad

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Summary

Senior Software Engineer with lead-level experience designing, architecting, and implementing complete software products across mobile applications, backend systems, APIs, cloud services, and AI-powered features. Experienced in owning the full development lifecycle, from UI design and implementation to backend integration, security considerations, testing, CI/CD, store releases, cloud deployment, and production maintenance. Skilled in Flutter, Dart, FastAPI, Firebase/Supabase, REST APIs, Generative AI, RAG Systems, AI Agents, Voice Assistants, and Agentic AI workflows. Beyond development, active in public speaking, mentoring, and knowledge sharing within the tech community.

Skills

Languages: C++, Dart, Python

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

Mobile App Skills (Core): Dart, Flutter(iOS and Android), AI-Powered Apps, Clean Architecture, MVVM, Feature-Base Strcuture, Responsive UI, Localization, RESTAPIs Integration, Firebase/Supabase, Testing(Unit, Widget and Integration), IAP (In-App Purchases), Stores(Play/App) Deployment, TestFlight, CI/CD

Backend & AI Skills (Secondary): Python, FastAPI, MinIO, SQL, Redis, RestAPIs Development, LangChain, LangServe, LlamaIndex, Vector Databases, AI Chatbots, RAG Systems, Agentic AI Systems, Voice Assistants, Cloud Deployment (AWS/GCP/Railway), DevOps

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

Experience

Senior Software Engineer, Feb 2026 – Present
Hoop Interactive, Wyoming, US (Full-time • Remote)

- Work across mobile applications, backend systems, AI-powered features, and cloud deployments, contributing from planning and architecture to implementation, testing, and production release.
- Guide and train 6 interns while supporting code quality, feature delivery, debugging, app store releases, backend/cloud deployments, and end-to-end project execution.

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

- Lead freelance software engineering work across mobile applications, backend systems, and AI-powered products, aligning technical execution with client requirements and business objectives.
- Guide developers and designers through planning, architecture, implementation, code quality, and production delivery while contributing hands-on to Flutter apps, backend systems, and AI-based features.

Senior Mobile App Developer, July 2025 – Feb 2026
Cloud Business Co., Dammam, Saudi-Arabia (Contract • Remote)

- 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, June 2024 – June 2025
Giant Tech Solutions LLC, Wyoming, US (Full-Time • Remote)

- Worked on end-to-end mobile apps 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,

Dec 2023 – May 2024

Iplexsoft, Peshawar, Pakistan (Full-Time • Onsite)

- 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

LaGrub

Play Store and App Store

- I led the development of Lagrub, managing the project from UI planning and design direction to backend development, API integration, testing, CI/CD, and deployment. I guided interns who worked on the UI implementation, while I handled the overall app architecture, backend engineering, integration, quality control, and production readiness.
- **Tools Used:** Dart, Flutter, Provider, RestAPIs, Backend, Testing, CI/CD, Deployment

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

Internal Project

- I designed and built a full-stack mobile app for pregnant women, 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, Firebase, 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, Deployment

KidsNClicks

Play Store and App Store

- Contributed to KidsNClicks, a children's learning platform, by adding new features, fixing issues, improving security, optimizing backend services, and supporting cloud infrastructure. Helped manage Android, iOS, and iPad releases while improving app stability, performance, and user experience.
- **Tools Used:** Dart, Flutter, Bloc, Backend, RestAPIs, Deployment

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, Deployment

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, Deployment

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, Deployment

QalbSync

Play Store and App Store

- I developed QalbSync, a mobile app focused on personal well-being and meaningful daily engagement. I handled app development, UI implementation, authentication flow, backend integration, data handling, testing, and production deployment, delivering a clean, stable, and user-friendly experience across Android and iOS.
- **Tools Used:** Dart, Flutter, Bloc, Supabase/Firebase, Deployment

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**.