Muhammad Ahmad Khan

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Summary

I'm a full-stack mobile developer building (and occasionally designing) exceptional iOS and Android apps for ~4 years. I have developed and architectured over 20 apps from scratch and pushed them live on AppStore/PlayStore. I've had the privilege of working with multiple startups over the time building products having high user experience and performance. Being a tech evangelist, I've been a part of different tech communities like GDG, GDSC, WTM as a community manager, speaker or member.

Skillset

- **Languages & frameworks:** Flutter, Dart, iOS, Android, Swift, Java, Python, JavaScript, TypeScript, Node.js
- **DevOps:** Git, GitHub, Jira, Firebase, CI/CD, Basics of Cloud (GCP, AWS), PlayStore/AppStore
- **Others:** BLOC, Provider, GetX, GoRouter, JSON serialization, MVC, MVVM, TDD, Dependency Injection, Wordpress
- **Soft skills:** Creative, Organization, Leadership, Fast learner, Growth mindset, Team player

Work Experience

- **RĀNA**   USA (Remote)
  Senior Software Engineer (Project Lead) | Flutter, Node.js   *Jan 2024 - Present*
  - Led the development of high-performance geofencing & time tracking mobile app and web dashboard using Flutter
  - Optimized the apps for Android and iOS platforms to ensure seamless performance for background tasks
  - Implemented robust security measures to protect sensitive location and time data
  - Created a design system that enhanced reusability, streamlined development, and ensured a cohesive user experience
  - Provided technical leadership and mentorship to junior developers, fostering a collaborative and innovative work environment

- **Jaldi**   Dubai, UAE (Remote)
  Software Engineer (Frontend Lead) | Flutter, Python   *Mar 2022 - Dec 2023*
  - Deliver high-quality, robust production code for Jaldi's iOS, Android & web apps in Flutter & Python
  - Build a simple and easy-to-use sales crm allowing managers to reduce cold calling admin work by 80%
  - Played a pivotal role in revamping the mvp and later launching in production resulting in increase in paying orgs by over 900%
  - Maintain unit tests coverage through Test-driven Development (TDD) on backend in Python
  - Provide leadership within engineering department through close collaboration, and code reviews

- **Cross Code**   Lahore, Pakistan
  Software Developer | Flutter, Firebase   *Jul 2021 - Jun 2022*
  - Developed, maintained, & shipped production code for 10+ client & in-house mobile apps using Flutter, Firebase & RestAPIs
  - Worked in BLOC and Providers state management libraries with GetIt for dependency injection
  - Integrated different ad providers like Admob, Unity ads, AppLovin, etc
  - Co-authored and published an open-source package, Easy Ads, to combine ads integration for Flutter

Education

- **University of the Punjab**   Lahore, Pakistan
  Bachelor of Computer Science
  Final-year project: Maveshi (A mobile app to digitize local cattle farms)
  Relevant coursework: Cloud Computing, Artificial Intelligence, Computer Vision, Mobile Computing, Enterprise Application Development, Analysis of Algorithms, OOP, DSA, Calculus I-II, Linear Algebra, etc.

Community Experience

- **Google for Developers**   Pakistan
  GDG Organizer @GDG Live Pakistan   *Jul 2021 - Present*
  Google Developer Groups (GDGs) are local community chapters for people interested in Google developer technologies

- Connecting digital Pakistan through online/onsite community events & networking sessions
- Building a community of 20,000+ folks collectively on multiple platforms
- Onboarding speakers & partners by leading community relations and partnerships for the chapter
- Implementing marketing strategies to increase brand recognition and social media engagements

● **[Flutter Lahore](#)**   Lahore, Pakistan
  Community Organizer   *Feb 2022 - Present*
  Flutter Lahore is a local community meetup group with a focus on helping developers in Flutter, Firebase, and Google Cloud
  - Leading the chapter and organizing different events and workshops
  - Building a local community ecosystem for Flutter developers in Lahore & surroundings

● **[Google for Developers](#)**   `   Lahore, Pakistan
  GDSC Lead @[GDSC PUCIT](#)   *Jul 2020 - Jul 2021*
  Google Developer Student Clubs (GDSC) are university based community groups for students interested in Google developer technologies
  - Lead a team for planning & hosting different workshops onsite in campus and online
  - Made an impact by guiding & supporting students to learn new skills and get hands-on experience with Google technologies

● **Speaker at multiple tech conferences, workshops, and bootcamps**

Projects

● **DMS**   iOS, Android, Web dashboard, [Website](#)
  A comprehensive employee management tool that uses geofencing for automated check-ins and live location tracking. It features a role-based dashboard for admins to easily manage companies, employees, and work hours.

● **Jaldi**   [iOS](#), [Android](#), [Web dashboard](#), [Website](#)
  A sales crm to manage your leads, providing a workflow for agents to contact leads coming from Facebook, web forms, etc. Jaldi comes with a web-based dashboard for managers and mobile apps (iOS, Android) for sales agents.

● **PlayOn101**   [iOS](#), [Android](#), [Website](#)
  Playon101 allows sports players of all ages to find someone to practice with on a daily basis. Partnerships with local sports clubs throughout the country enables a sports player to practice with multiple teams in a given week, improving their overall game. Advanced implementations include social sign-in, maps, deep-linking, and push notifications.

● **Tatreez**   [Mockups](#)
  A tailoring app for Arabic users. Users can select and order the product based on the customization they want and also save their measurements. Advanced implementations include social sign-in, maps, payments, and push notifications.

● **Meal Planner**   [iOS](#)
  A meal app that suggests a user a meal plan for a whole day for 4 weeks. Users can track progress and make a shopping list inside the app from the suggested meals. Advanced implementations include push notification reminders.

Certifications

● **The Complete Flutter Development Bootcamp with Dart** by Dr. Angela Yu   [Certificate](#)
● **Python for Everybody** by University of Michigan   [Certificate](#)
● **Java for Android** by Vanderbilt University   [Certificate](#)
● **Android App Components - Intents, Activities, and Broadcast Receivers** by Vanderbilt University   [Certificate](#)

Languages

● English (Bilingual proficiency)   ● Urdu (Native/Bilingual proficiency)

● Hindi (Verbal proficiency)   ● Punjabi (Native/Bilingual proficiency)