

# Muhammad Hassan Jamil

React Native & Agentic AI Developer | Mobile Application Developer | Android | iOS

Dubai, UAE

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## Professional Summary

Results-oriented React Native Developer with 10+ years of experience delivering performant, cross-platform mobile applications using **React Native, Android, iOS, and Kotlin Multiplatform**. Adept at building modular app architectures, integrating with cloud platforms (**Firebase, AWS**), and **deploying to Google Play & App Store**. Proven ability to lead agile teams, optimize mobile UX, and ship production-grade apps, in education, real estate, maps/location and IoT domains. Passionate about scalability, code quality, and developer/user experience. I recently added **Agentic AI Development** skills to help businesses **transform their solutions into autonomous systems**. Residing in the UAE, I am currently open to new opportunities aligned with my skills and capabilities. I am willing to relocate and can join immediately.

## Technical Proficiencies

- **React Native (TypeScript, JS ES6, Expo, CLI)** - 4 years
- **Android (Kotlin, Java/XML, Jetpack Compose, Clean Architecture, MVVM)** - 7+ years
- **iOS (Swift, Storyboard, SwiftUI)** - 1 year
- **AI Engineer (Python, OpenAI Agents SDK, LangGraph, MCP, CrewAI, AutoGen)** - 6 months
- **Kotlin Multiplatform (Kotlin, Compose Multiplatform)** - 6 months
- **Backend (NestJS, PostgreSQL, Swagger)** - 6 months

## Achievements

- Launched **the UAE's Emirates Driving Institute** App with <1% crash rate and full native integration.
- Reduced the **UAE's BrokerBlocker (first spam call blocking solution)** latency by 60% at **100 Percent Property** by refactoring REST and caching logic, and integrated a subscription-based business model.
- Developed and scaled **Pakistan's first native mapping solution (TPL Maps)** to **1M+ downloads** and **Mobile SDK for business** as the country's very own map and location-based solution.

## Professional Experience

### Senior Software Developer (Remote)

Lorenzé – Ajman, UAE

Nov 2025 – Present

- Single-handedly architecting and developing the whole software solution for the business.
- Covering the solution for all 3 platforms, e.g., **Backend**, **Mobile**, and **Web Front End** (Customer, Admin)
- Choose **NestJS**, **Prisma**, and **PostgreSQL** for the **backend**, **React** and **NextJS** for the **web frontend**, and **React Native** for **mobile**.
- Architected the scalability to support **AI (integrating autonomous components)** in **Phase II**.
- Using **AI coding assistants** to get the benefit of **enhanced productivity**, while taking the quality measures.

### React Native Mobile Developer

Brixio – Dubai, UAE

Jul 2023 – Aug 2025

- Architected and developed **the mobile app** for [Emirates Driving Institute](#) using **React Native** (New Architecture).
- Improved performance by 40% with new architecture, implementing Redux, and optimizing hooks along with asynchronous logic.
- Managed complex business logic into reusable functions and established a centralized global state.
- Released production builds to App Store/Play Store with crash rates below 1%.
- Orchestrated backend interactions using .NET and Firebase workflows

### Senior Mobile Application Developer

100 Percent Property – Dubai, UAE

Apr 2022 – Mar 2023

- Delivered [BrokerBlocker](#) **mobile app** on **Native Android/iOS** to help real estate client brokers avoid getting spam calls and limit the interaction to just whitelisted contacts.
- Enhanced performance and security, reducing latency by 40%.
- Orchestrated backend interactions using .NET and Firebase workflows.
- Aligned feature development with business KPIs in agile sprints
- Worked directly with the business owner, integrated the requirements directly into the system in real-time.

### Senior Android Developer (Remote, Part-time)

Aquatic AV – San Jose, CA

Aug 2021 – Oct 2021

- Developed an IoT Bluetooth Native Android app for marine, powersports, and Spas to provide premium audio and lighting systems.

- Built custom UI and pairing logic, increasing engagement by 20%, developed some beautiful UI widgets, e.g., temperature knob and RGB controller.

## Team Lead & Senior Android Developer

### TPL Maps – Islamabad, Pakistan

Jul 2015 – Jan 2022

- Managed team of 6; led development of TPL Maps app (country's first mapping solution).
- Integrated advanced geolocation, offline mapping, routing, and turn-by-turn real-time navigation features.
- Created SDK for 3rd-party integration into local businesses' apps.

## Android Developer

### Magma Systems – Islamabad, Pakistan

Mar 2014 – Jun 2015

- Built 5+ location-based apps with responsive UI, Firebase, and Google Maps integration, for automobile, pet community, tourism, map, and location domains.
- Developed a sensor-based Android phone application to generate vehicle test reports, which was successfully delivered by integrating a lot of complex mathematical computations.
- Developed and deployed an app, helping UK citizens to find their pets, broadcasting notification-based alerts to nearby users/community.

## Notable Projects

### EDI-iCademy App

*Tech: React Native CLI + New Architecture*

Student app with onboarding, enrollment, scheduling, payments, notifications, and integration of configurable business data.

iOS: <https://apple.co/3LAVM28>

Android: <https://bit.ly/4hwdTSW>



### TPL Maps App & SDK

*Android (Kotlin/Java)*

Pakistan's first very own mapping business solution with offline maps and live navigation.

SDK: <https://bit.ly/4nFrOYw>

Android app: <https://bit.ly/3WvwAMT>



### BrokerBlocker.ae

*Android/iOS*

Spam call blocking and a real estate engagement platform.

Android: <https://bit.ly/4oenNuT>

iOS: <https://apple.co/4oenT5J>



## Skills (Tools & Libraries)

### React Native

- JS (ES6), JSX, Typescript, JavaScript
- Functional Programming, Hooks, Promise, Asynchronous functionality
- Redux Toolkit, Context API, Async Storage
- RN Paper, MUI, Axios, Firebase, i18n, RN Vision Camera, Maps

### Android

- Java, Kotlin
- Jetpack Compose, Coroutines
- MVVM, Retrofit, Room, Hilt
- Firebase (Analytics, firestore, cloud messaging)
- GPS Location (Foreground/Background), Mapbox, Google Maps, Esri, Tangram

### iOS

- Swift
- Storyboard, SwiftUI, APNS

### Deployment

- TestFlight, App Store
- Firebase internal Sharing, Google Play Console (Alpha/Beta and Production)

### Agentic AI Development

- Python, AsyncIO, async-await, Gradio, StreamLit
- Agentic AI
- Multiple Agent Orchestration
- OpenAI Agents SDK, LangGraph, CrewAI, AutoGen, MCP

### Backend

- NestJS
- PostgreSQL, Prisma, Swagger

## Education & Certifications

- **Bachelor of Science in Computer Science (Bronze Medalist)** – PMAS Arid Agriculture University, Feb 2014  
<https://bit.ly/4oHRKU8>
- **React Native - The Practical Guide** – Udemy, Apr 2023  
<https://bit.ly/47MLWTB>
- **The Complete Agentic AI Engineering Course** – Udemy, Oct 2025  
<https://bit.ly/430HLky>
- **Agentic AI Fundamentals: Architectures, Frameworks, and Applications** – LinkedIn, Jun 2025  
<https://bit.ly/47icZ9m>
- **Designing Agentic AI Products (No Code Required)** – LinkedIn, Jun 2025  
<https://bit.ly/3JjQSGj>
- **Building Agents with Vertex AI** – LinkedIn, Jun 2025  
<https://bit.ly/4hyqBk9>

