Mohammed Akram Hussain

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Work Experience

Senior Android Developer   StoreLab   May 2024 – Present
London, UK

- Led a team of 5 Android & iOS developers in implementing features across both platforms.
- Led the development & implementation of a design system built on top of Material 3, resulting in 40% faster UI development and eliminating design inconsistencies across 15+ screens.
- Built an extension for the web app using Kotlin/wasm to share UI between Android and Web using Compose Multiplatform, leading to reduced duplicate implementation and consistent behaviour.
- Collaborated with product manager and designer on scoping, refinement & discovery, provided technical insights on what's possible, and helped decide what to build first based on priorities.
- Empowered other devs on the team through leadership, leading process and tech experiments, running agile development meetings, and setting standards for use of AI-assisted coding tools.

Android Developer   StoreLab   Jan 2022 – May 2024
London, UK

- Joined as founding engineer in a 3-person startup, building foundational Android architecture.
- Developed the Android app and the CI/CD infrastructure from the ground up in 8 months.
- Built a shared KMP SDK with 15+ third-party integrations, reducing implementation time by 70%

Android Developer   Prophet Technology   Sept 2019 – Dec 2021
Newcastle upon Tyne, UK

- Built KIOSK and food delivery applications on Android for 25 restaurants.
- Designed and built a custom solution for integrating the Android app with 4 thermal printers.

Android Developer   Flytta Innovations Pvt. Ltd.   Jul 2018 – Aug 2019

Projects

Technical Blog

- I write a technical blog. One of the popular articles is where I deep dive into Compose Internals.

Helium - An HTML Parser

- Building a cross-platform WHATWG spec-compliant HTML parser using Kotlin Multiplatform.
- Developed a comprehensive tokenizer backed by 5,600+ passing unit tests.

Education

Master's in Advanced Computer Science	Northumbria University	Oct 2019 – Sept 2021

Skills

Technologies	Android, Kotlin Multiplatform, iOS, Jetpack Compose, Coroutines, Flows, Retrofit, Ktor, Apollo, Hilt, Koin, Room, SQLDelight
Languages	Kotlin, Swift, Ruby, PHP