

Muhammad Abdul Subhan

Staff Software Engineer | Mobile Infrastructure | iOS & KMP Specialist

Bachstückenring 11G
22149 Hamburg, Germany
+49 1523 6287141
subhan.mps@gmail.com

SUMMARY

Strategic Mobile Engineer with over 10 years of experience specializing in high-scale iOS ecosystems and Kotlin Multiplatform (KMP). Proven track record in architecting modular systems, optimizing SDK performance, and leading cross-functional squads at regional unicorns.

EXPERIENCE

Careem (An Uber Company), Hamburg — Senior Software Engineer (Staff Track)

JUN 2022 - PRESENT

- **Technical Leadership:** Direct the technical roadmap for the core ride-hailing vertical within the "Everything App" ecosystem, serving millions of users across the MENA region.
- **Architecture & KMP:** Championed the transition toward modular architecture and explored KMP integrations to unify business logic across platforms, reducing feature time-to-market.
- **Infrastructure Ownership:** Architected and optimized CI/CD pipelines, significantly reducing build times and improving deployment frequency for the mobile engineering org.
- **Mentorship:** Lead a high-performing squad, establishing coding standards, conducting deep-dive architectural reviews, and mentoring mid-level engineers into senior roles.

YogaEasy, Hamburg — Senior Software Engineer

MAY 2021 - JUN 2022

- **Performance Engineering:** Led a complete ground-up revamp of the legacy iOS codebase, resulting in a 60% increase in app performance and a substantial reduction in crash rates.
- **Product Strategy:** Partnered with stakeholders to align technical debt reduction with business growth, ensuring the platform could scale to meet a growing community of practitioners.

Smaato, Hamburg — Mobile Engineer (SDK)

JANUARY 2020 - APRIL 2021

- **Low-Level Engineering:** Developed and maintained the NextGen Ad-Tech SDK, focusing on low-latency execution and minimal binary size footprint.

CONNECT WITH ME

LinkedIn

GitHub

SKILLS

iOS Development
(Swift, Objective-C)

Kotlin Multiplatform
Kotlin, SQLDelight, Ktor, State
Machines, Swift
Interoperability, Explored
compose multiplatform

Computer Vision
(OpenCV)

Python

Technical Liaison for Design
Systems (since I was a
designer before)

- **Cross-Platform Integration:** Collaborated with global teams to ensure seamless SDK integration for third-party publishers, managing complex lifecycles and thread-safety in high-concurrency environments.

VentureDive, Karachi — Senior Software Engineer

APRIL 2017 - DECEMBER 2019

- **Consultancy Leadership:** Led mobile development for VistaJet, implementing best-practice design patterns (MVVM/Coordinator) to ensure high-availability for premium global aviation services.

Vozye, Karachi — Software Engineer

JANUARY 2014 - MARCH 2017

Started off as a graphic designer then jumped to learning iOS development to later developing 4 products in a span of 3 years, individually. Really like the learning environment at Vozye and the independence which made me develop so many skills during these years.

PROJECTS

KMP & Mobile Automation — Python & Kotlin

Designed and implemented a custom automation framework to orchestrate simultaneous iOS processes across multiple physical devices, eliminating manual regression testing overhead.

Real-Time Computer Vision — OpenCV & C++

Face Expression Transfer: Developed high-performance algorithms for real-time facial tracking and emotive morphing.

Object Replacement: Built an open-source macOS tool for real-time object detection and replacement in video streams using illumination-corrected rendering.

MyShiftWork — Solo Developer & Designer

Architected, designed, and launched a localized calendar engine supporting 12+ languages. Managed the full lifecycle from UX wireframing to complex local synchronization logic.