

Mihirkumar M. Bavisi

Mobile Engineer · React Native · Native Android (Kotlin)

Pirckheimerstr. 126, 90409 Nuremberg, Germany · +49 176 43695326 · mihir.m.bavisi@gmail.com
Portfolio: mihirbavisi.com · GitHub: github.com/Mihir22c · Work authorisation (DE) · Available from September 2026



PROFESSIONAL SUMMARY

React Native engineer with 5+ years building and shipping production iOS and Android apps reusable, decoupled components, native Android modules in Kotlin/Java, and end-to-end delivery to the App Store and Play Store across hospitality, loyalty, e-commerce and field-service. Comfortable bridging React Native to native code and working close to the platform (Android Auto, HERE SDK, state-machine and CI-level problems). Currently completing an M.Eng. in Software Engineering (2026). Clean-architecture, test-driven way of working.

EXPERIENCE

Mobile Developer (React Native / Android) - Werkstudent (~20 hrs/week) 03/2026 – Present
Diehl Metering GmbH · Nuremberg, Germany

- Built an **Android Auto turn-by-turn navigation feature** for IZAR Mobile, Diehl's production React Native field-service app, integrating the **HERE Navigate SDK** with the **androidx.car.app** template library so field technicians navigate to the next meter from the car head unit without handling their phone while driving.
- Bridged **React Native to native Kotlin**, exposing the full navigation lifecycle (route preview → active → re-route → arrived) to the JS layer; stabilised the state machine against mid-drive route re-emission that dropped active navigation back to preview.
- Implemented **HERE marker clustering** and real-time sync between the in-app map and the head-unit map, so device-status and filter changes propagate to both surfaces without reconnect or restart; root-caused and fixed a null-bitmap rendering crash.
- Restored a **~20-test** Jest / React Native Testing Library suite to green (native-module mock paths, bridge stubs) and unblocked the Windows/CI build (corporate SSL/keystore trust, native path-length limit, Metro/Watchman).

Senior Mobile Applications Developer 12/2022 – 11/2023
Orafox · Remote (USA)

- **Natably** -shipped a cross-platform React Native app (live on Play Store) plus a responsive web build and sync APIs for web-app parity; owned reusable, decoupled UI with MVVM.
- Coordinated delivery across India, Germany and US time zones in an Agile workflow.

React Native Developer (Cross - Platform Mobile) 05/2021 – 12/2022
Logifox Infotech · Surat, India

- **Atlantis Dubai** -official resort companion app (React Native + Redux): REST integration, custom UI; live on App Store and Play Store.
- **Atlantis Circle** -dining-rewards / loyalty app across **20+ venues**: reusable UI, third-party and payment APIs, automated tests; live on Play Store.
- Concurrent freelance (2021–2023): e-commerce apps in React Native + TypeScript -payment-gateway integration, checkout, store releases for international clients.

Full-Stack Developer -Intern · EUROS Embedded Systems GmbH · Nuremberg, Germany 11/2024 – 05/2025
• Built a real-time data dashboard with React / Next.js and TypeScript; REST integration and a reusable component library.

Hybrid App Developer (Angular / Ionic) - Intern · ETAS GmbH (Robert Bosch) · Stuttgart, Germany 04/2024 – 09/2024

- Built web and hybrid iOS/Android apps with Angular and Ionic (Capacitor); REST integration in an international Scrum team.

Android Developer 03/2020 – 03/2021
Adsum Originator LLP · Surat, India

- Built and shipped **three native Android apps in Kotlin/Java** end-to-end (incl. a Kotlin e-commerce app); deployed to Google Play, Amazon and Xiaomi; UI, debugging, performance.

FEATURED PROJECT

Perks -Kotlin Multiplatform & Compose Multiplatform (Android + iOS), built solo

- One Kotlin codebase sharing business logic and UI across Android and iOS (iOS without SwiftUI); Clean Architecture, MVVM with StateFlow, Coroutines/Flow, expect/actual platform abstractions, shared unit tests and GitHub Actions CI.

SKILLS

Mobile: React Native (5+ yrs, production, Expo), TypeScript, JavaScript (ES6+); native Android (Kotlin, Java), native modules & RN↔Kotlin bridging; Android Auto (Car App Library); iOS deployment

Maps & Navigation: HERE Navigate SDK, turn-by-turn routing, lane guidance, geolocation, map rendering

State & Architecture: Redux, RxJS, Context API; MVVM, Clean Architecture, reusable & decoupled components, scalable mobile architecture, performance optimisation

APIs & Data: RESTful APIs, GraphQL, WebSockets; payment gateways; PostgreSQL, MySQL, Firebase

Testing & Delivery: Jest, React Testing Library, Detox; unit & integration testing; CI/CD, Git; App Store Connect, Play Console

Also: Kotlin Multiplatform (cross-platform breadth); Agile, Scrum

EDUCATION

M.Eng. Software Engineering for Industrial Applications

2023 – 2026

Hof University of Applied Sciences · Hof, Germany

Bachelor of Computer Applications

2018 – 2021

Veer Narmad South Gujarat University · Surat, India

LANGUAGES

English: C1 (professional working proficiency) · German: B1 (improving toward B2) · Hindi: C2 · Gujarati: Native