

JAWAD KHAN

Senior React Native Developer · TypeScript · iOS & Android

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jawadkhan.de · [linkedin.com/in/jawadkhan653](https://www.linkedin.com/in/jawadkhan653) · [Google Play Developer: DevCraftX](#) 

PROFILE

Senior React Native developer with 6+ years building production iOS and Android applications in React Native and TypeScript, with release ownership across the App Store and Google Play. Specialised in offline-first architecture, REST API integration, Firebase, real-time communication and secure mobile workflows. Currently responsible for mobile applications in healthcare and industrial maintenance, while independently maintaining 15 published React Native apps. Based in Ingolstadt; English C1, German B1 (Goethe-Zertifikat).

TECHNICAL SKILLS

React Native & TypeScript React Native, TypeScript, React Navigation, React Native Paper (Material 3), NativeWind, component architecture, internationalisation (DE / EN)

iOS & Android Delivery Production release ownership on both platforms: App Store Connect, TestFlight, Apple review, Google Play Console, staged rollouts and store compliance; CI/CD pipelines, versioning, Git, sprint-based agile delivery

Native Device Capabilities Biometric authentication (Face ID / Fingerprint), camera and media handling, document and signature capture, on-device Whisper Tiny inference via react-native-executorch

State Management & Architecture Zustand, Redux, React Context, offline-first command-queue synchronisation, encrypted MMKV, AsyncStorage, role-based access control

APIs & Real-Time Communication REST, Axios (interceptors, token refresh), Socket.IO, WebSockets, MQTT

Firebase, Push & Monetisation Firebase Cloud Messaging, Firebase Analytics, Notifee, RevenueCat in-app purchases, AdMob

Testing Maestro end-to-end testing of mobile user flows across iOS and Android, unit and integration testing, Test-Driven Development

Web & Cloud React JS (hooks, Context API), Angular 13 and AngularJS migration, JavaScript ES6, Cloudflare Workers, MongoDB, MySQL

PROFESSIONAL EXPERIENCE

247 FactoryNet GmbH

React Native / React Developer, full-time | November 2021 – Present · Ingolstadt, Germany

React Developer, working student | September 2019 – November 2021 · Ingolstadt, Germany

MICA — Healthcare & Nutrition Application for PKU Patients (React Native, TypeScript)

Mobile application helping people with phenylketonuria (PKU), a rare metabolic disorder, manage a low-protein diet, track daily phenylalanine intake and request prescriptions from their metabolic centre.

- Built the nutrition tracker: a food diary with a large ingredient catalogue, custom ingredients, meals and shakes, and cascading ingredient-to-meal updates
- Designed an offline-first command-queue synchronisation layer so diet, prescription and remittance workflows function offline and reconcile reliably on reconnect
- Integrated Socket.IO chat, Firebase push notifications and analytics, and biometric app lock (Face ID / Fingerprint) across a multi-profile family application
- Led the React Native 0.86 upgrade across iOS and Android, and shipped DE/EN localisation and deep-link authentication

247 UPTIME — B2B Industrial Maintenance & Service Platform (React Native, TypeScript)

B2B platform used by industrial companies to organise machine-related incidents, planned maintenance, execution workflows and operational documentation across equipment, sites, areas and equipment pools.

- Implemented workflow-based task execution and reporting with attachment handling for images, videos and documents, plus role-based access control and subscription-aware feature gating
- Architected authenticated REST integration with Axios interceptors and token refresh, AsyncStorage persistence and Zustand store slices for network-aware, offline-capable field workflows
- Integrated Firebase Cloud Messaging with Socket.IO and MQTT for real-time fault and maintenance notifications across the platform

Gleason — Angular Modernisation (client secondment · Munich · 06/2022 – 12/2022)

- Migrated a legacy AngularJS codebase to Angular 13, modernising the component and service layer
- Designed reusable components and services adopted across the codebase, and wrote unit and integration tests in a Test-Driven Development environment while working with cross-functional teams

Empower Pakistan (Pvt) Ltd — React JS Developer

August 2017 – July 2018 · Rawalpindi, Pakistan

- Built responsive, component-driven interfaces in React JS using functional components, hooks and React Context, delivering reusable UI components and mobile-first, cross-browser layouts with HTML5, CSS3, Bootstrap and Material UI

PUBLISHED APPLICATIONS — GOOGLE PLAY (DEVCRAFTX)

Sole developer on 15 React Native applications currently live in production, owning architecture, implementation, monetisation, store compliance and release management. Four are built specifically for the German market in German. Selected projects:

Leben in Deutschland Test 2026 [Google Play](#)

German citizenship-test preparation with 300+ BAMF-based nationwide and state-specific questions, fully usable offline with federal-state selection. Four learning modes including a timed exam simulation, with per-answer feedback, progress tracking and German/English i18n.

TranskriptGo: Sprache zu Text [Google Play](#)

On-device speech-to-text transcription running Whisper Tiny locally through ExecuTorch, with no audio uploaded to any cloud service. Processes recorded and imported MP3, M4A, WAV, OGG and MP4 audio in private local storage and exports transcripts as plain text. German-language interface with a privacy-by-design architecture.

Earthquake Alerts – Live [Google Play](#)

Real-time earthquake monitoring on EMSC data with map and list views, magnitude indicators and country filtering. Engineered custom alert zones using geolocation and radius filtering, backed by a Cloudflare Worker that registers devices, polls live seismic data and dispatches targeted FCM push notifications.

FeedNest: Baby Tracker [Google Play](#)

Feeding, sleep and diaper tracker with growth charts and multi-baby support, built on local-first storage using Zustand and encrypted MMKV. Shipped with RevenueCat in-app purchases, Firebase and Notifee push notifications, adaptive reminders and PDF export.

Also built for the German market Darf ich parken? — parking-rule lookup · Spritpreise in der Nähe — live fuel prices with geolocation. Further apps span live commodity pricing, construction calculators and media tools.

EDUCATION

MS Computer Science | Technische Hochschule Deggendorf, Germany | 2019 – 2021

BS Software Engineering | COMSATS University, Abbottabad, Pakistan | 2013 – 2017

LANGUAGES

German — Goethe-Zertifikat B1 (Goethe-Institut München, 2024) · **English** — C1 · **Urdu** — native

CERTIFICATIONS

React, Redux, React-Router & Auth0 · Advanced JavaScript for Coders · Developing CI/CD Solutions with Azure DevOps