

Umar Hayat

Software Engineer (React Native, React, TypeScript, Node.js)
Graz, Austria | +43 677 61642372 | umarhayat9855@gmail.com

[Website](#) | [LinkedIn](#) | [GitHub](#) | [YouTube](#) | [Upwork](#)

Work authorisation: Red-White-Red Card (Austria) — eligible to work in Austria without restriction

Full-Stack Engineer with 5+ years shipping production React Native, React, and Node.js apps across healthcare, fintech, and consumer products. Specialist in RN-to-native bridging (iOS/Android), GraphQL APIs, and mobile performance — most recently cut API latency by 40% at LKK Together Development GmbH in Graz. Strong track record of end-to-end delivery: architecture, native modules, CI/CD, push notifications, deep linking, and performance tuning. Based in Graz, Austria.

PROFESSIONAL EXPERIENCE

INDEPENDENT SOFTWARE ENGINEER — PROFESSIONAL DEVELOPMENT

Product development + Software engineering

Graz, Austria
11/2025 – Present

- **PageDub — AI-native deployment engine (in development):** Building a lightweight hosting engine that turns AI-generated mobile-site designs into live public URLs with one tap. Static-viewer architecture over Supabase — compiles HTML/CSS/theme JSON and goes live on a single POST, with no CI/CD pipeline. Live at pagedub.com.
- **Baithak — live Punjabi social-media app (100+ active users):** Built and operate a production React Native (Expo) + Supabase app for the Punjabi-speaking community. Implemented full social feature set (feed, likes, comments, mentions, follows, real-time notifications, search, moderation), Shahmukhi-script validation, and a custom Android keyboard service for native Shahmukhi input. Live at baithak.io.
- **Professional development:** Advancing German from A1 toward B1 (target 09/2026) and actively interviewing for full-time Mobile / Full-Stack roles in Austria and the wider DACH region.

LKK TOGETHER DEVELOPMENT GMBH

Full-Stack Mobile/Web engineer

Graz, Austria
04/2024 – 11/2025

- **Performance & data-layer migration:** Cut API response time by 40% by migrating the mobile backend data layer from MySQL to MongoDB and optimising GraphQL resolvers with step-loading and pagination, enabling faster feature releases and higher traffic scalability.
- **React Native & native bridging:** Shipped camera-heavy workflows with React Native Vision Camera, including permissions, capture, and media handling. Built custom iOS native modules and RN ↔ native bridges for features that were not available in third-party libraries.
- **Authentication & messaging:** Integrated Firebase Authentication for secure sign-in flows and OneSignal for segmented push notifications, improving activation and re-engagement across iOS and Android.
- **Deep linking & navigation:** Designed and implemented deep-link architecture for share links, push notifications, and external entry points, streamlining end-to-end user journeys and reducing drop-off on key flows.

CROWDBOTICS

Mobile / Web Application Developer

US | Remote
01/2023 – 02/2024

- **Feature delivery on client apps:** Built and shipped features across multiple client mobile and web applications on the Crowdbotics low-code + React Native platform, working alongside distributed product and engineering teams.
- **Production stability:** Debugged and resolved production issues across the release lifecycle — investigated bug reports, wrote fixes, and shipped patches to reduce reopened-bug rate on assigned projects.

Software Developer — Mobile & Web Applications

- **End-to-end delivery:** Delivered production mobile and web applications (React Native, React, Node.js, MongoDB) from architecture and implementation through deployment, monitoring, and maintenance — for V3 Solution Agency and direct Upwork clients including Savelife.ai.
- **Jagir.com — Salesforce-style CRM:** Built a CRM with real-time Meta Lead Ads ingestion, role-based pipelines, notifications, and KPI dashboards — giving the sales team a unified workspace and faster lead response times.
- **Savelife.ai — mobile DICOM viewer:** Built a custom mobile DICOM viewer (OHIF is web-only and not available on mobile) using Cornerstone for DICOM rendering — delivering OHIF-like capabilities: smooth image navigation, window/level (WL/WW) controls, modality/series filtering, and reliable performance on iOS/Android.

TECHNICAL SKILLS & CORE STRENGTHS

- **Mobile (React Native):** React Native (TypeScript), Expo/CLI, React Navigation, Redux & Context, Native Modules/Bridging (iOS/Android), Deep Links, Push Notifications, offline-first & caching, performance tuning (startup time, memory, bundle size).
- **Backend & APIs:** Node.js (Express, Nest basics), REST, GraphQL (Apollo), WebSockets, authentication (JWT/Firebase), validation, pagination, rate limiting.
- **Database:** MongoDB, PostgreSQL basics, SQL, schema design fundamentals.
- **Build, Release & CI/CD:** iOS (Xcode, provisioning, TestFlight, Fastlane), Android (Gradle, Play Console, App Bundles, keystores), GitHub Actions, EAS Build/Submit, automated testing and releases.
- **Healthcare/Imaging:** DICOM viewing/workflows, basic PACS concepts, privacy and secure data-handling awareness.
- **Core Strengths:** problem solving & debugging, product thinking, clear communication, execution speed in startup environments.
- **AI-assisted development:** Cursor, Claude, GitHub Copilot, CodeX, Lovable, Antigravity, Replit, “v0”-style UI generators, and other AI tools for faster prototyping, refactoring, and documentation.

EDUCATION

Graz University of Technology (TU Graz)
Master of Science in Data Science

Graz, Austria
2024

- **Admitted 2024;** currently deferred to focus on professional career.

National Textile University
Bachelor of Science in Information Technology

Pakistan
2017 - 2021

- Completed BS degree with a focus on core engineering fundamentals, problem-solving, and applied projects.
- Member, Information Technology Society (ITS), National Textile University — Assisted with organizing activities and campus events.

LANGUAGES

- English (C2 Level)
- German (A1 Level)
- Urdu (Native)
- Punjabi (Native)

PROJECTS

Neurocare.AI (Savelife.ai) — Mobile DICOM + AI Health Platform | React Native, DICOM, Cornerstone, Google Cloud Healthcare

- Led development of an AI-powered digital health clinic for brain haemorrhage detection using DICOM CT scans.
- Built a custom mobile DICOM viewer (OHIF-like experience on mobile) with window/level controls, series filtering, and smooth rendering using Cornerstone.
- Designed a Google Cloud pipeline to ingest scans, run AI analysis, and surface high-risk cases for faster clinical review.

Link: <https://savelife.ai/>

Demo/Video: <https://www.youtube.com/watch?v=ApRlVeaQmHs>

DICOM Details: www.developerumarhayat.com/dicom-details.html

Yellow Stone Boys & Girls Ranch — Mental Health Mobile + Web Platform | React Native, React, Node.js

- Developed a secure platform supporting youth mental health with chat, counseling access, and self-care tools.
- Implemented core user flows and responsive UI across mobile and web, focusing on usability and privacy-aware design.

Link: <http://www.ybgr.org/>

Demo/Video: <https://www.youtube.com/watch?v=iN9MWcaivqM>

Fundgazer — Stock Trading Companion App | React Native, APIs, Analytics

- Built a trading companion app with broker integrations, portfolio analytics, and real-time reporting to support investment tracking.
- Delivered clean dashboards and data-driven UI to improve visibility into holdings and performance.

Demo/Video: <https://www.youtube.com/watch?v=8qcx8VG5d4Q>

CryptoPay — QR-based Crypto Payment Gateway (Binance API, Mobile App)

- Developed CryptoPay, a QR-based crypto payment gateway integrated with the Binance API, enabling secure, real-time buy/sell transactions through a user-friendly mobile application.

Demo/Video: <https://www.youtube.com/watch?v=jMJtKj2CEg&feature=youtu.be>

Other Projects (Selected): Swimming Pool Tile Order, GS Mobile, Prestamode, Quran App, COVID-19 Tracker, Affiliate Marketing apps (React Native).

OUTSIDE OF WORK

- Cricket & team sports · History & international relations · Documentary films · Family time.

REFERENCES

- **Note:** A reference letter from my most recent employer, LKK Together Development GmbH (Graz, Austria), is available upon request.