



Software Engineer

Full-Stack Engineer (React Native • Node.js • TypeScript)

SUMMARY

Experienced, motivated, and hard-working Full-Stack Mobile Engineer (React Native + Node.js) with a proven record of delivering successful, live applications. Specialized in real-time project environments, I excel at navigating challenges during development, turning obstacles into opportunities. My passion lies in crafting innovative, user-centric solutions that exceed technical requirements and expectations. Committed to collaborative teamwork and clear communication, I bring a blend of solid engineering discipline and creative problem-solving to every project.

EDUCATION

Graz University of Technology (TU Graz)

Master of Science (MSc), Data Science — Admitted

National Textile University (Pakistan)

Bachelor Science in Information Technology

2017 – 2021

SKILLS

Mobile (React Native):

- React Native (TypeScript), React Navigation, Redux & Context, Expo/CLI
- Native Modules/Bridging (iOS/Android), Deep Links, Push Notifications,
- Performance tuning (startup time, memory, bundle size), Offline-first & caching
- UI/UX implementation, Accessibility, Animations

Backend & APIs:

- Node.js (Express/Nest basics), REST & GraphQL (Apollo), WebSockets
- Auth (JWT/Firebase), Rate limiting, Validation, Pagination
- Data: MongoDB/PostgreSQL basics, SQL

Build, Release & CI/CD:

- iOS: Xcode, provisioning, TestFlight, Fastlane
- Android: Gradle, Play Console, App Bundles, Keystores
- CI/CD: GitHub Actions, EAS Build/Submit, Automated testing & releases

Healthcare / Imaging:

- DICOM image handling (viewing/workflows), basic PACS concepts, privacy & data-handling awareness

Core Strengths:

- Problem solving & debugging, product thinking, clear communication, startup execution speed

SOICAL LINKS



Umar Hayat



umarhayat9855



Persoal Website

upwork

Umar Hayat

YouTube

Umar Hayat

Language

English (C2 Level)

German (A1 Level)

PROFESSIONAL EXPERIENCE

Full-Stack Developer

LKK Together Development GmbH Graz, Austria | April 2024 – Nov 2025

- Back-End Development:** Building and maintaining server-side logic, database schemas, and integration of various services to support front-end functionality.
- API Implementation:** Developing and integrating APIs to facilitate seamless communication between front-end and back-end systems, ensuring efficient data exchange and functionality.
- Bug Fixing and Maintenance:** Diagnosing, troubleshooting, and resolving a wide range of bugs and issues to maintain optimal system performance and reliability.

Live Link: [Apple Store Link](#)

Mobile Application Developer

Crowdbotics (USA) Remote | Jan 2023 – Feb 2024

- Software Development:** Engage in the creation and enhancement of software applications within the Crowdbotics platform.
- Collaboration:** Work closely with the development team, contributing ideas and expertise to achieve project goals efficiently.
- Problem Solving:** Analyze and resolve technical challenges, bugs, and issues that may arise during the software development process.

Co-Founder & Full Stack Mobile Developer

V3 Solution | Jun 2021 – Feb 2025

- Full Stack Mobile Development:** Lead the creation of robust and user-friendly mobile applications, utilizing expertise across the entire development stack.
- Strategic Leadership:** Drive the company's vision and goals as a co-founder, aligning technology decisions with business objectives.
- Client Interaction and Innovation:** Engage with clients, understand requirements, and foster innovation by staying current with industry trends, and guiding the team toward cutting-edge solutions.

Note:

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

PROFESSIONAL EXPERIENCE

Mobile Application Engineer

May 2022 – Nov 2022

Neurocare.AI | USMedicalStartup

- **Digital Health Clinic Development:** Spearheaded the development of a digital health clinic service at Neurocare.AI, collaborating with Dr. Junaid Kalia, a prominent neurosurgeon, and utilizing open-source libraries like OHIF viewer for web application creation.
- **Brain Hemorrhage Detection System:** Led the initiative to create an AI-powered brain hemorrhage detection system using DICOM images, involving the labeling of 30,000 brain X-rays and CT scans through a web application with OHIF viewer integration.
- **Mobile Application Innovation:** Conducted in-depth research on DICOM images and tags, resulting in the development of a proprietary mobile application capable of displaying and controlling DICOM images. Implemented features such as manual control of window width, window leveling, and automatic viewing with modality control.
- **Cloud-Based AI Integration:** Innovated a Cloud pipeline on Google Cloud to automatically upload CT scans from medical laboratories. The mobile application integrates AI algorithms for pre-observation detection of brain hemorrhage, allowing doctors to prioritize and treat high-alert patients efficiently. Explore the entire process.

CREATIVE WORKS

DICOM Mobile (Medical Imaging Brain Haemorrhage Detection) Savelife.ai US Startup

Led the development of Neurocare.AI change to savelife.ai, an AI-powered digital health clinic that detects brain hemorrhages from DICOM images. Built a proprietary mobile app and cloud pipeline on Google Cloud for automated CT-scan uploads and AI-based analysis.

Link to Project::

DICOM Details: Explore the details and intricacies of my work on DICOM images [Click Here \(Link\)](#).

Project Showcase Videos:

- For Web Application [Click Here \(Link\)](#)
- For Mobile Application [Click Here \(Link\)](#)

Yellow Stone Boys and Girls Ranch (Mental health Mobile and WebApplication)

Developed a mobile and web platform for Yellow Stone Boys and Girls Ranch, promoting youth mental health through secure chat, counseling access, and self-care tools that foster emotional resilience and positive peer connection.

Link to Project:

Explore the Yellow Stone Boys and Girls Ranch project at www.ybgr.org

Project Showcase Videos:

For Web & Mobile Application [Click Here \(Link\)](#)

Stock Mobile Application (Fundgazer) Indian Startup

Built Fundgazer, a stock-trading companion app featuring broker integration, portfolio analytics, AI-driven insights, and real-time reporting to simplify investment tracking and decision-making.

Link to Project:

Explore the Yellow Stone Boys and Girls Ranch project at www.fundgazer.com

Project Showcase Videos:

For Web & Mobile Application [Click Here \(Link\)](#)

Crypto payment gateway through QR Code 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 app.

Link to Project:

Video [URL: Click Here \(Link\)](#)

Versatile Digital Solutions: A Portfolio of Innovative Mobile and Web Applications

Led multiple cross-platform projects including Swimming Pool Tile Order, GS Mobile, and Prestamode, delivering end-to-end solutions from e-commerce to service booking. These and other apps (Quran, COVID-19 Tracker, Affiliate Marketing) highlight my versatility in React Native development and user-focused design.

Link to Project:

Portfolio Link: [Click Here \(Link\)](#)