

Muhammad Hassan

Software Engineer | React Native Specialist | Scalable Mobile & Web Apps

Deen Garden, Chiniot, Punjab, Pakistan | +92 320 0501651 | hassan.devstudio@gmail.com

[LinkedIn](#) | [GitHub](#)

SUMMARY

Mobile & Frontend Developer with 4+ years of experience specializing in React Native, along with hands-on experience in React.js and Next.js. Proficient in building scalable, high-performance mobile and web applications using TypeScript and Expo. Experienced in REST API integration and implementing AI-powered features, with a strong focus on clean architecture, performance optimization, and user-centric design. Continuously expanding backend skills with Node.js to deliver complete, end-to-end solutions.

EXPERIENCE

Software Engineer (React Native & Frontend)

Feb 2022 – Present

TechXpert

- Developed and maintained scalable cross-platform mobile and web applications using React Native and React.js with TypeScript.
- Built clean, reusable, and high-performance architectures to ensure smooth user experience.
- Implemented secure authentication systems including JWT-based login and role-based access control (RBAC).
- Integrated Stripe for secure in-app and web payment processing.
- Integrated third-party services including Twilio (OTP verification) and Firebase Cloud Messaging (FCM) for real-time notifications.
- Worked with AI APIs (OpenAI, Google Gemini) to build intelligent features such as automation, smart suggestions, and content generation.
- Optimized app performance by improving rendering efficiency, FlatList handling, and navigation structure in React Native.

EDUCATION

BS Information Technology

2018 – 2022

Government College University Faisalabad (GCUF)

Coursework: Programming Fundamentals, Object-Oriented Programming, Data Structures & Algorithms, Database Systems, Operating Systems, Computer Networks, Software Engineering, Web Development, Human-Computer Interaction, Probability & Statistics, Software Requirement Engineering, Software Design & Architecture, Software Quality Engineering, Project Management, Cyber Security

PROJECTS

Memendo — Notes, Tasks & AI

React Native, TypeScript, Redux, Firebase

- Built a cross-platform productivity app with notes, tasks, reminders, and calendar.
- Integrated AI features, push notifications, and offline data synchronization.
- Optimized app performance and implemented secure cloud-based data management.

Bestie — Women's Health & Cycle Tracking App

React Native, Node.js, TypeScript, REST APIs

- Developed a cross-platform cycle tracking and wellness application using React Native.
- Built secure REST APIs for authentication, health tracking, and personalized recommendations.
- Integrated notifications and optimized performance for a smooth user experience.

InsytCare — Home Healthcare Management

React Native, Firebase, TypeScript, Google Maps

- Developed the caregiver and patient mobile application integrated with an admin dashboard for user and appointment management.
- Implemented appointment scheduling, digital signature verification, real-time chat, and push notifications.
- Integrated Firebase Authentication, Firestore, and Google Maps for secure data management and live location tracking.

CORE COMPETENCIES

Core Concepts: Clean Architecture, Component-Based Design, API Integration, Performance Optimization

Programming Languages: JavaScript (ES6+), TypeScript

Frontend & Mobile: React.js, Next.js, React Native, Expo

API & Integration: REST API Integration, JSON Handling, Third-Party API Integration

Databases & Services: Firebase (Cloud Messaging - FCM, Real-Time Updates, Push Notifications)

Tools & Platforms: Git, GitHub, Postman, VS Code, Xcode, Android Studio

Languages: English (Fluent) | **Certifications:** React Native — Udemy (2022)