

M Muzzammil Ijaz

Senior Software Engineer | React Native | React

Lahore, Pakistan | muzamil.ijaz11@gmail.com | +92 324 4140470

linkedin: muzzammil-ijaz

Summary

Senior Software engineer with 8+ years building React Native and React web applications across banking, healthcare, and IoT. Built features for a mobile banking app serving over 1 million users, improved app responsiveness by 30%, and led and mentored 7+ engineers. Currently expanding into applied AI, with a focus on AI agents and workflow automation.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, HTML, Sass (SCSS)
- **Frameworks/Libraries:** React.js, Next.js, React Native, Redux Toolkit, React Query, Tailwind, Ant Design, Node.js, Express.js
- **Testing/Tools:** Jest, Storybook, Git, Jira, CI/CD, Webpack, TDD, Xcode, Android Studio, Firebase Crashlytics, Sentry, Postman
- **API communication Protocols:** REST APIs, GraphQL, WebSockets, gRPC, HTTP/2

Work Experience

Principal Software Engineer | React Native | FinTech

Northbay Solutions | Client: Ejada Systems LTD

Jul 2023 - Present

- Designed and developed features for Al Rajhi Bank's mobile banking app in Saudi Arabia, supporting a user base of **over 1 million**.
- Collaborated **onsite** at **Al Rajhi Bank (Riyadh)** to accelerate delivery timelines and provide robust technical support to the team.
- Delivered a money transfer feature ahead of schedule, supporting 50,000+ daily transfers with a **99.9% transaction success rate**.
- Worked closely with Ejada teams across Jordan, Egypt, Saudi Arabia and India, strengthening cross-regional collaboration, reducing issue resolution time by **25%**.
- Enhanced app security by implementing Biometric Authentication, IVR, and OTP systems, resulting in a **30-50% improvement** in security measures.
- Achieved a **30% improvement** in app **responsiveness** through memoization and lazy loading.
- Contributed to the Bank's code review (PR) team, cutting bugs and issues by 40%, resulting in strong app stability and reliability.

Senior Software Engineer | React Native, React Js

Strategic Systems International (SSI)

Apr 2020 - Jun 2023

- Delivered two major production releases of CCH's Marketplace app for per diem healthcare jobs across the United States.
- **Effectively coordinated** with a diverse team of 120+ geographically dispersed professionals, primarily serving clients in the US and Canada.
- Built real-time chat with **SignalR** and a custom chat interface, improving user communication and support efficiency by 30%.
- Led and **mentored** a team of 7+ engineers, boosting sprint efficiency by 20% and exceeding client expectations.
- Automated CI/CD pipelines using App Center, saving 50+ engineering hours per month; ran weekly requirements sessions with business analysts and stakeholders.

Software Engineer | NodeJs, React Js

Crewlogix Technologies

Sep 2019 - Mar 2020

- Developed reusable UI components, speeding up future delivery rates by **30%** and significantly improving code quality.
- Personally crafted the responsive digital stamping web application, **SealPact**, using React and Sass, enabling **40% faster document signing** for contracts, NDAs, financial documents and invoices.
- **Revamped EVA's** React web app (a financial service providing app) by introducing localization, real-time chat using WebSockets, and other essential business requirements, boosting user retention by 20-30%.

Associate Software Engineer | React Js, React Native

BlueEast - Orient Group of Companies (IoT-based)

Dec 2018 - Aug 2019

- Collaborated with hardware and backend teams to integrate the Mevris app with Orient's IoT-compliant chips.
- Built the **Mevris** app, allowing 100,000+ users to remotely control Orient's IoT appliances, **improving connectivity by 30%** and reducing latency by 25%.
- Implemented pixel-perfect UI screens from Figma/Zeplin with **95% design-to-implementation** accuracy.
- Ensured code quality using Storybook, **maintained at least 95% code coverage** with Jest, submitted pull requests for CEO review, and followed CI/CD workflows.
- Engaged with Orient's CEO on building an **in-house cross-platform architecture (Bluebase)** that shortened development time by 30% for future apps.

Projects

ScanExpress | React, Sass (SCSS), gRPC

- Developed a CT scan software solution for **Micro Vista**, a German client, with an intuitive touch interface across dual LED screens, increasing user engagement by 50%.
- Integrated barcode scanning feature for efficient data capture, improving data entry speed by 35% and minimizing manual errors.
- Incorporated **gRPC** over HTTP/2 through Envoy proxy to facilitate communication between Chrome and gRPC servers, decreasing API response time by 25%.
- Utilized Protocol Buffers to generate client-side code from **.proto** files, cutting serialization/deserialization time by 15%.
- Conducted live demos twice a week with the client to ensure continuous alignment with project requirements. Successfully completed the project within the specified deadline and received **highly positive feedback**.

Other Projects

- **Collect Your Ideas** (Web app: Node.js, Express.js, MongoDB, React), **Bill Manager** (Mobile app: React Native, GraphQL, Jest), **Hemlock** (E-commerce app).

Education

Bachelor of Science, Computer Science (2014 - 2018)

PUCIT - Punjab University College of Information Technology