

ZUBAIR AHMED SHAIKH

Full Stack Mobile App Developer (React Native + Node.js)

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PROFESSIONAL SUMMARY

Full Stack Mobile App Developer with 4+ years of experience building high-performance, cross-platform mobile applications end-to-end — from React Native front ends to Node.js/Express/MongoDB backends. Currently building a production app integrating third-party APIs (OpenAI, VirusTotal), AdMob monetization, and in-app purchases. Specialized in data-driven dashboards, sensor/analytics visualization, and complex state management (Redux Toolkit, RTK Query). Led a 7-engineer team through sprint planning and code reviews at SkyRoom, and have shipped multiple production apps to the App Store and Google Play Store.

TECHNICAL SKILLS

- **Mobile Development:** React Native, Expo, iOS & Android deployment, App Store & Play Store submission, Push Notifications, Geolocation
- **Web Development:** React.js, Next.js, JavaScript (ES6+), TypeScript, Tailwind CSS, HTML5, CSS3
- **Data Visualization:** Chart.js, react-native-chart-kit, react-native-gifted-charts, custom heatmap components, sensor/analytics dashboards
- **State Management:** Redux, Redux Toolkit, RTK Query, React Query, React Navigation
- **Backend Development:** Node.js, Express.js, MongoDB (Mongoose, Atlas), REST API Design, JWT Authentication
- **Third-Party & Platform Integrations:** OpenAI API, VirusTotal API, Google AdMob, In-App Purchase (iOS & Android), Firebase, Google/Facebook Social Login, GraphQL
- **Testing & DevOps:** Jest, CI/CD (GitHub Actions, Bitbucket Pipelines)
- **Tools & Workflow:** Git, GitHub, Version Control, Agile, Scrum, Sprint Planning, Code Review

WORK EXPERIENCE

Full Stack Mobile App Developer | Zee Tech Expert

Dec 2024 – Present

- Develop and maintain cross-platform mobile applications end-to-end using React Native (frontend) and Node.js/Express.js/MongoDB (backend), including custom heatmap and multi-house dashboard components for real-time sensor data.
- Design and build REST APIs with Node.js and Express.js, using MongoDB (Atlas) for data storage, and integrate them with the mobile frontend.
- Integrate third-party services including the OpenAI API for AI-powered features and the VirusTotal API for security/threat-scanning functionality.
- Implement monetization features including Google AdMob ads and in-app purchases (iOS & Android) within production apps.
- Build interactive data visualization features (charts, gauges, heatmaps) to display analytics across multiple data dimensions and locations.
- Publish and manage application releases on the Apple App Store and Google Play Store.

Frontend Developer — React Native & React.js | SkyRoom Private Limited

Jan 2022 – Nov 2024

- Built and deployed multiple cross-platform mobile apps using React Native across e-commerce, social networking, and utility domains.
- Developed responsive, performant web applications using React.js and Next.js.
- Integrated Redux Toolkit, RTK Query, Firebase, JWT authentication, and social logins (Google/Facebook).
- Implemented real-time features including geolocation, push notifications, and reusable component libraries adopted across multiple projects.
- Led and managed a frontend team of 4 (part of a 7-engineer cross-functional group); conducted code reviews, planned sprints, and ensured on-time delivery of project milestones.
- Optimized application performance, improving load times and overall user engagement.

Frontend Developer — React.js | Mutex System Private Limited

Mar 2021 – Nov 2021

- Built a Power BI-style data visualization web app for uploading and rendering CSV and database files using React.js, Chart.js, and table libraries.
- Parsed and rendered large datasets while maintaining smooth UI performance.

Frontend Developer | D3xter

Jan 2021 – Feb 2021

- Customized WordPress themes and layouts using dashboard tools, HTML, and CSS.
- Managed content, configured plugins, and optimized website performance.

EDUCATION

BS in Software Engineering | Iqra University, Karachi 2016 – 2020

KEY ACHIEVEMENTS

- Led a cross-functional team of 7 engineers (4 frontend, 3 backend) at SkyRoom, overseeing sprint planning, code reviews, and end-to-end delivery of multiple production applications.
- Managed the full mobile release lifecycle — from development to App Store and Google Play Store submission — across multiple projects with zero-downtime deployments.
- Architected and maintained reusable component libraries adopted across multiple projects, reducing development time for new features.
- Built custom data visualization components (heatmaps, multi-source aggregated dashboards, gauges) from scratch for real-time sensor/analytics use cases.
- Integrated complex third-party services including Firebase, JWT auth, social logins, and real-time geolocation into production-grade mobile and web applications.
- Built and maintained a personal portfolio website (zubairshiakh.pages.dev) showcasing projects and technical skills.