

Vishal Katkam
Software Developer

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Professional Summary

- 6+ years of experience as a React Native ReactJS , delivering high-performance, scalable mobile and web applications.
- Expertise in building responsive UIs, reusable components, and robust frontend architecture using React, Redux, and modern JavaScript (ES6+).
- Good Knowledge on NODE JS framework Express JS.
- Proficient in cross-platform mobile app development for Android and iOS using React Native, with deep understanding of the app lifecycle and store deployments.
- Skilled in integrating RESTful APIs, Firebase (Auth, Firestore, Realtime DB), push notifications, in-app purchases, and third-party libraries.
- Strong knowledge of authentication and security practices including JWT, OAuth, and Firebase Auth.
- Experienced with CI/CD pipelines, cloud platforms (GCP, Azure, AWS), containerization using Docker, and orchestration with Kubernetes.
- Familiar with Agile/Scrum practices, with hands-on experience in sprint planning, version control (Git), and issue tracking using JIRA and Confluence.
- Collaborative team player with strong communication skills, working cross-functionally with product managers, UI/UX designers, and backend developers.
- Passionate about writing clean, maintainable code and continuously optimizing app performance and user experience.
- Adept at debugging and testing using tools like Jest, Cypress, and Chrome DevTools to ensure robust and reliable applications.
- Successfully led and contributed to multiple end-to-end app development projects, from design to deployment, improving delivery timelines and user satisfaction.

Technical Skills:

Frontend Development: React.js, React Native, Angular, Redux, MobX, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, SCSS. Adobe XD, Figma.

Mobile Development: Android Studio, Xcode, React Native CLI, Expo, Gradle, Kotlin, Swift.

Backend & API: Node.js, Express.js, RESTful APIs, GraphQL, Firebase (Auth, Firestore), OAuth, JWT

Database: MySQL, MongoDB, Firebase Realtime Database

DevOps & Tools: Git, GitHub, Bitbucket, CI/CD Pipelines, Docker, Kubernetes, Postman, Webpack, Babel

Testing & Debugging: Jest, Cypress, Chrome DevTools, React Native Debugger

Project Management & Agile: Agile/Scrum, JIRA, Confluence, Slack, Trello

Cloud & Deployment: Netlify, Firebase Hosting, Google Cloud Platform (GCP), AWS Lambda, AWS S3.

Other: UI/UX Design, Component Reusability, Performance Optimization, Push Notifications, In-App Purchases, App Store/Play Store Deployment, Cross-browser Compatibility, Responsive Web Design

PROFESSIONAL EXPERIENCE:

Client: Visiram Solutions, India

Feb 2020 – May 2023

Role: React Native Developer

Roles & Responsibilities:

- Designed and developed cross- platform mobile applications using React Native for iOS and Android with optimized performance and scalability.
- Deep understanding of mobile app development lifecycles, API integrations, and writing clean, reusable, and maintainable code.
- Utilize AWS services such as S3 for secure file storage and retrieval, ensuring high availability and scalability.
- Managed state with Redux, Context API, and optimized performance using memorization (useMemo, useCallback).
- Built secure authentication and authorization systems using JWT, OAuth and Firebase Auth for login methods (Email/Password, Google, Facebook).
- Good Experience in React JS for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
- Implemented push notifications, in-app purchases, and third-party API integrations.
- Write clean, maintainable code, resolve technical issues, and stay updated on the latest React Native best practices.
- Used Redux Thunk Middleware, in application to retrieve data from Back-End and to also perform RESTful services.
- Worked on CI/CD pipelines for mobile app development to streamline deployment.
- Proficient in using Postman for testing, automating, and documenting RESTful APIs in Node.js,
- Experienced in bridging native Swift and Kotlin modules with React Native to enhance performance and enable platform-specific features.
- Developed and deployed mobile apps to the Google Play Store and Apple App Store, handling app signing, keystore management, and provisioning profiles.
- Write automated tests to ensure error-free code, improve front-end performance by eliminating bottlenecks, and create front-end modules with maximum code reusability and efficiency.
- Experienced in Agile/Scrum methodologies, mobile security best practices, and performance/memory tuning for complex applications.

Client: IBM, INDIA

Sep 2017 – Jan 2020

Role: React Developer

Roles & Responsibilities:

- Proficient in HTML5, CSS3, JavaScript (ES6+) and React for developing responsive and interactive web applications.
- Developed a responsive single-page task management application using React.js and Material UI.
- Integrated backend services and APIs built with Node.js to enable dynamic data rendering in React applications.
- Handled asynchronous data flows between React and Node.js using Axios and Fetch API.
- Develop app and UI components from prototypes and wireframes.
- Worked on React JS Using Mob X in Dell E-Commerce Project.
- Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags .

- Expertise in CSS frameworks like Tailwind CSS, Bootstrap, and SCSS for building visually appealing UI.
- Implemented CRUD operations with Firebase for real-time data storage and retrieval.
- Experience with CSS animations, Flexbox, and Grid to enhance user interface design and responsiveness.
- Worked with REST APIs and AJAX to fetch and display real-time data efficiently.
- Optimized front-end performance by reducing DOM manipulations, lazy loading assets, and implementing efficient event handling.
- Utilized JavaScript ES6+ features such as Promises, Async/Await, Arrow Functions, and Modules for cleaner and more efficient code.
- Integrated client-side form validation using JavaScript to enhance user input accuracy and experience.
- Familiar with build tools like Webpack, Babel, and Vite to improve front-end development workflow.
- Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.

Client: Tekshiras , INDIA

Aug 2016 – May 2017

Role: UI Intern

Roles & Responsibilities:

- Designed wireframes, user flows, and high-fidelity prototypes using Figma, Adobe XD, and React-based tools to deliver intuitive interfaces.
- Responsible in developing a responsive web UI for ecommerce digital transformation website for mobile, tablet and desktop versions based on ReactJS.
- Expertise in using React.js directives, Controllers, Filters, Services, Templates, Events, and Injectors.
- Developed a responsive single-page task management application using React.js and Material UI.
- Implemented CRUD operations with Firebase for real-time data storage and retrieval.
- Designed intuitive UI layouts using Flexbox and Grid systems for cross-device compatibility.
- Managed version control using Git, and deployed the application on Netlify.
- Used ReactJS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, custom directives, authentication, unit tests, etc.
- Participated in weekly code reviews and Agile-based sprint meetings to enhance app features.

PROJECTS:

- **E-commerce** : Developed a React Native e-commerce and sports app, enabling users to register for events, book arenas, purchase sports products, and share updates. Integrated push notifications, payment gateways, and WebSocket-based chat functionality.
- **Banking app**: Built an online loan comparison platform using React, helping users evaluate and compare loan offers from multiple banks. Implemented a secure authentication system, dynamic filtering, and multi-step loan application process.
- **E-Learning App**: EdSetGO is a school management platform that enables schools to educate students, manage reports, analyze performance, and oversee teaching staff efficiently. It also facilitates seamless communication between teachers, students, and parents, ensuring a more collaborative and organized learning environment.

EDUCATION:

- Master's in information technology management at Indiana Wesleyan University, Indianapolis - 2024
- Bachelor of Science in Computer Science at JNTUH University, Hyderabad - 2017