Zeshan Ahmad

Web Developer | React Native Engineer | Phone: (215)-602-6627
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Professional Summary.

5+ years of experience across web and mobile app development, with a focus on ecommerce and wholesale, extensive knowledge of scalable and responsive architecture in React/React Native app development for Android, iOS, and Web. Extensive experience with maintaining and improving codebases through refactoring and modularizing component libraries to ensure coding standards and faster development speed. Experience in communicating with cross-functional teams and taking initiative to deliver high velocity sprints. Responsible for optimizing conflict resolution speeds for web applications pharmacy chats and in store return initiatives.

Key Achievements.

- 2+ years of professional experience in React Native app development and React.js web development.

- Designed and launched production-ready web and mobile solutions with React and React Native, reaching millions of monthly users on Walgreen's customer facing app.

- Ported extensive legacy code to modern React-Hooks, Context, and TypeScript, cutting overall complexity by roughly thirty percent and speeding developer onboarding.

- Integrated a mini app inside of a super app using React Native with a focus on android zebra devices, focusing on resolving friction of online order in store returns.

- Successfully led migration from redundant promotional based code to a promotions library to modularize and decrease promotion deployments for weekly, biweekly, and monthly promotions.

- Optimized React Native application performance by implementing memoization techniques (e.g., React.Memo, useCallback, useMemo), and lazy loading resulting in a 15 % decrease in app load times of both customer facing app and employee super app.

Technical Skills.

Languages: JavaScript, TypeScript, Java, Kotlin, Swift, CSS3, HTML5
Testing Frameworks/Tools: Selenium, JUnit, Postman, Jest, Mockito, Detox, RTL, Cypress, Express,
Development Tools: Agile/Jira, Git, Docker, Unix/Linux, Network Architecture, Android Studio, Xcode
Frameworks/Services: AWS, RESTFUL APIs, Graph QL, Node JS, React JS, React Native, Firebase, Expo
Libraries: React-Redux, React-Navigation, ContextApi, React-Hook-Form, Formik, Yup, Zustand, React-Query, React-Native-Keychain, React-Native-MMKV, Redux-Saga, Redux-Logger, Redux-Toolkit, RTK Query, Apollo Client, Axios, React-Native-Maps, i18n, ReactJS, Sequalize, JWT, Helmet, CORS, Expo-Camera, React-Native-Paper, MaterialUI, React-Native-Reanimated
Methodologies: Quality Assurance (QA), Automated Testing, Manual Testing, DevSecOps Practices (OWASP/SonarQube implementations)
Version Control Systems: Git, GitHub, Bitbucket, GitLab

Professional Experience.

React Native Engineer

Walgreens (Contract): Deerfield, IL   January 2025 – Present

- Lead the transition from isolated promotion deployments to a modularized component library for deploying promotions with increased speed, improving weekly, biweekly, and monthly promotion deployments by 70%.
- Improved unit test coverage of codebase by consistently meeting 90% unit test coverage of all new custom hooks and UI components.
- Improved error handling by using typescript and using Reactotron for debugging, improving ticket resolution for crashes by 27%.

- Improved API integration structure and state management using flux pattern through Redux/toolkit and Redux saga.
- Handled complex asynchronous operations using redux-saga as middleware, utilized takeEvery, takeLatest and debounce patterns to manage real-time actions, avoid redundant api calls and prevent race conditions.
- Provided insight and design techniques for implementing optimization when developing features for prescription pages, such as incorporating a library for popular responses within pharmacy chat.
- Used Jira to create issues and manage the workflow of sprints, allocating more resources to tickets with greater story points or late features in the backlog, regularly providing feedback about story estimates.
- Collaborated with quality assurance teams and backend teams for quick error resolutions and smooth transition of implementation of features for the frontend team, working with both REST and GraphQL APIs.
- Implemented native modules integration for features that were not supported by third-party libraries for platform-specific low-level access and user interfaces for native Android, involving the integration of ZebraSDK for returns scanning.
- Used GraphQL for optimized data fetching and automatic error handling for API requests.
- Participated in the development discussion design and architecture of the app.
- Advised the development team, proactively mentored fellow junior developers, conducted code reviews, engaged in pair programming, shared insights on code quality, identified code smells, and encouraged the team to implement SOLID principles.
- Encouraged the habit of knowledge sharing by incorporating my own on boarding repository for improving code quality of PRs.
- Helped create a culture built on collaboration, ownership, accountability, and a shared commitment to personal and team growth.

Tech Stack: Typescript, Javascript, VS Code, Git, BitBucket, Jira, Chrome Dev Tools, Reactotron, Axios, Redux, Redux-toolkit, Redux-Saga, Android Studio, X Code, Android, iOS, Apollo Client, GraphQL, Jest, RTL. SonarQube, REST, Azure DevOps, Firebase

Web Developer
Freelance: Philadelphia, PA   February 2024 - December 2024
- Reduced website hosting and maintenance costs by 40% and improved uptime to 99.9% by migrating to AWS S3, CloudFront, ACM, and Route 53.
- Improved Lighthouse accessibility scores by 40% through aria roles, semantic HTML and contrast theming
- Developed backend RESTful APIs with Node.js and Aurora PostgreSQL to handle metadata retrieval for various hair product listings.
- Refactored and enhanced website product listenings for various local barbers to improve critical business processes and website SEO
- Developed automated testing scripts with Selenium for feature validation across multiple browsers, with the addition of polyfills for firefox compatibility, improving testing efficiency by 30%.

Tech Stack: JavaScript, TypeScript, Selenium, Jest, Cypress, AWS S3, CloudFront, Route 53, ACM, Docker, GitHub, VS Code, Chrome Dev Tools, Postman, Axe, Lighthouse, VoiceOver, NodeJs, Express, PostgresSQL, Sequelize, JWT, Stripe, MaterialUI, CSS3, HTML5

Education.

B.S in Computer & Information Science
Temple University, Philadelphia, PA

Technical Projects.

Smart Speech
- Lead a team of 6 developing a drawing-to-speech app for non-verbal autistic children to aid them in expressing themselves.
- Developed and managed automated testing scripts to ensure application reliability, reducing potential issues by 25%
- Utilized the AWS Public Cloud to ensure the application's backend is resilient to service failures and employed networking security best practices by employing private connectivity whenever possible.
- Reduced infrastructure costs by shifting to serverless container architecture from VMs.
- Employed Docker to maintain testing environments for stable, consistent QA across updates.

Tech Stack: AWS, Typescript, React, Python, Docker