Bharath Karunanidhi

Senior React Native Developer
(React Native, ReactJs, TypeScript)

(4.5+ Years exp)

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Portfolio: https://bharath-devportfolio.netlify.app/

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JOB SKILLS

- Specialised in mobile & web development, utilizing **React Native, React.js, JavaScript, TypeScript, Redux, Redux Toolkit, GraphQL, React Native Web, Node.js & REST APIs.**

- Optimized app performance by **25%** by integrating **Firebase Performance Monitoring** & **shopify react-native-performance** libraries & iterated based on metrics insights.

- Deft in **Agile methodology** & tuned as a **Scrum Master** for prompt product delivery & collaborate effectively with cross-functional teams, PO, QA engineers, UI/UX experts.

- Proficient in **Test-Driven Development** (TDD) and efficiently addressed **200+** bugs along with **test automation**, resulting in increased app ratings to **4.7** on Android and **4.8** on iOS.

- **Building & releasing 10+** React native mobile applications in **Production** (iOS AppStore & Google PlayStore) with own continuous integration and deployment processes(**Fastlane**).

- **Leveraging native APIs** & **SDKs** for both Android & iOS integration.

- Integrated a payment gateway (**Authorize.net**), conducted **A/B testing** for subscription plans, resulting in a **7%** increase in company revenue.

TOOLS & TECHNOLOGIES

Frameworks	React Native, Node.js, Express JS, Tailwind CSS
Languages/ Libraries	React, JavaScript, TypeScript, HTML, ES6+, Mongoose Java, Storybook, React Native Elements
Build Tools & Technologies	Gradle, Android SDK, Android Studio, XCode, Lerna, Commitizen Responsively.app, Postman
CI/CD	Fastlane, Github Actions, Bitrise, Jenkins, Docker, App Center, Test Flight, AWS S3, AWS EC2, AWS Amplify
Databases & Storage	Offline Storage, MongoDB, Firebase realtime database
State Management	Redux, Redux Toolkit, Context API, Graph QL, Apollo Client, Middleware(Thunk & Saga)
Testing Tools	Jest, React Native testing library, Appium, Detox
Repository	Git, Github, Monorepo

WORK EXPERIENCE

May 2023 - Present

Software Engineer Dev 2
IGT, Hyderabad, India

- Engaging in the development of complex **responsive UI** components for lottery gaming application with **2000+** daily active users.

- Experienced in **Monorepo** setup, contributing to **110+** private npm packages, enhancing streamlined development and maximizing code reusability across projects.

- Implementing robust automated workflows with **GitHub Actions** and **Dependabot**, saving the team **2+ hours** daily and a **25%** decrease in outdated dependencies.

- Played a pivotal role in achieving a smooth **React Native upgrade.**

- Significant contributor to the development of the **native Biometric Authentication** module.

Achievements

- Initiated **Tech Tuesday** meetups and avoided multiple production issues by discussing, **documenting** and implementing best solutions collaboratively.

Jun 2019 – May 2023

Senior React Native Developer
Rently Software Development Private Limited, Coimbatore, India

- Led the development of a Smart home Application with **5000+** daily active users working on **IoT, VWO (A/B testing), Payment gateway, Maps, Heap, Sentry, App Center** & **Firebase.**

- Spearheading the development and maintenance of **3 diverse applications**, while adeptly handling **10 white-labeled applications**

- Pioneered in **MQTT & Bluetooth Hardware(BLE)** integration for accessing **12+** iOT devices (Hubs, Smart Locks, Sensors, etc.) from the application User Interface.

- Integrated **Beans Map**, effectively addressing the user navigation challenge and contributing to a **10%** rise in app downloads.

- Practical knowledge in **code signing, app store reviews** & **code push**.

- Conducted **100+ code reviews**, emphasizing **high code quality** through coding best practices.

- Competent in UI/UX design patterns, with a hands on approach for creating visually appealing & user-centric interfaces using **Figma, Adobe, Miro** & **React Native elements** library.

- **Mentored 10+ junior developers** to deliver multiple modules in the Smart Home application.

- Facilitated Authentication **(AWS and Azure SSO)** & in-app chat **(ADA Chatbot)** integrations.

Achievements

- Achieved building own CI/CD system with **Fastlane,** saving the team **6+ hours** per day for build generation, beta and store releases.

- Developed a dynamic Front-end **React Native Web** app along with **Node.js** backend for Fastlane, achieving **70%** faster APK & IPA generation which led to **increase in productivity.**

- Achieved a **100%** tests coverage by implementing the **Appium** framework for automated tests.

- Achieved moving Jenkins from a local machine to **AWS EC2 cloud with Docker**, which saved us **4 hours** of daily manual work for test automation.

EDUCATION
Aug 2016 - May 2020

Bachelor of Engineering (Computer Science) | Karpagam Institute of Technology, Tamil Nadu

LANGUAGE

English – Strong verbal and written communication

PERSONAL SKILLS

- **Flexibility**: Proficient in adjusting to changing priorities, tasks, and environments while maintaining a high level of productivity.

- **Solution-focused:** Problem solver with a pragmatic approach, demonstrating analytical thinking, strong technical skills, and a proven track record in innovatively resolving complex issues.

- **Leadership:** Exemplifying software development leadership with adept team guidance, strategic planning & successful project outcomes.

- **Keen learner:** Self-motivated & proactively seeks continuous improvement by staying informed about emerging mobile technologies & industry trends**.**