Bharath Karunanidhi

Senior React Native Developer
(React Native, React, 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 app development, utilizing **React Native, React, JavaScript, TypeScript, Redux, Redux Toolkit, GraphQL, NodeJS, Next.js, RESTful APIs.**
- Pioneered in **MQTT & Bluetooth Hardware(BLE)** integration for accessing **12+** iOT devices (Hubs, Smart Locks, Sensors, etc.) from the application User Interface.
- Deft in **Agile development methodologies** & tuned as a **Scrum Master** for prompt product delivery & collaborate effectively with backend teams, PO, QA engineers, UI/UX experts.
- Proficient in **end-to-end testing** and efficiently addressed **200+** bugs, resulting in increased app ratings to **4.7** on Android and **4.8** on iOS.
- **Building & releasing 10+** React native mobile applications in both iOS App Store & Google Play Store with automated releases(**Fastlane**).
- Leveraging **native APIs** & **SDKs** for both Android & iOS integration (Objective-C/ Java).
- Integrated payment gateways (**Authorize.net & Stripe**), conducted **A/B testing** for subscription plans, resulting in a **7%** increase in company revenue.

TOOLS & TECHNOLOGIES

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

WORK EXPERIENCE
May 2023 - Present

Software Engineer Dev 2
IGT, Hyderabad, India

- Engaging in the development of user-friendly **responsive UI** components for lottery gaming application with **2000+** daily active users.
- Experienced in **Monorepo architecture**, contributing to **110+** private npm packages.
- Implementing robust automated workflows with **GitHub Actions** and **Dependabot**, saving the team **2+ hours** daily & efficiently managing the outdated dependencies.
- Played a pivotal role in achieving a smooth **React Native upgrade.**
- Integrating the customer engagement platform **Xtremepush**, resulting in enhanced customer engagement, **boosting company revenues**.

Achievements

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

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, MQTT, Bluetooth, Payment gateway, Maps, Heap, Sentry, App Center** & **Firebase**.

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

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

- 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** & **codepush**.

- Conducted **100+ code reviews**, emphasizing **high-quality code** through clean code principles.

- 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** app along with **Node.js** backend system 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.

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.

- **Problem-Solving:** Problem solver with a pragmatic approach, demonstrating analytical thinking, strong technical skills, and a proven track record in innovatively solving problems.

- **Leadership:** Exemplifying software development leadership with adept team collaboration skills, strategic planning & results-oriented mindset.

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