



**Bharath Karunanidhi**

**Senior React/React Native Developer**  
**(JavaScript, React, React Native)**  
**(5 Years exp)**

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## JOB SKILLS

- Specialised in Web & Mobile app development, utilizing **JavaScript, TypeScript, React.js, Next.js, React Native, Expo, Redux, Redux Toolkit, GraphQL, Node.js, RESTful APIs.**
- Integrated payment gateways (**Authorize.net & Stripe**), conducted **A/B testing** for subscription plans, resulting in a **7%** increase in company revenue.
- Deft in **Agile Frameworks**, proven track record of faster task deliveries and process adherence, adept **Scrum Master**, collaborating effectively with cross-functional teams.
- Proficient in **unit, integration & 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 & deploying 10+** React & React native applications in production environments.
- Developed a TypeScript algorithm, "generateTailwindClasses," to reduce code by over **95%** in files using **Tailwind CSS**.
- Reduced 5 hours of manual deployment process to **2 mins** by integrating **chatbot** along with **Dialog flow Conversation AI & Node JS**.

## TOOLS & TECHNOLOGIES

Frameworks	React Native, Node.js, Next.js, Express.js, Tailwind CSS, CSS3
Languages/ Libraries	React.js, JavaScript, TypeScript, HTML5, ES6+, Mongoose, Java, Storybook, React Native Elements, NativeWind
Build Tools & Technologies	Gradle, Android Studio, XCode, Lerna, Commitizen, Postman, Responsively.app
CI/CD	Webpack, Github Actions, Fastlane, 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 testing library, Appium, Detox
Version Control System	Git, Github, Monorepo

## WORK EXPERIENCE

*May 2023 - Present*

### Software Engineer Dev 2

IGT, Hyderabad, India

- Leading the development of user-friendly **responsive UI** components for lottery gaming application with **2000+** daily active users.
- Experienced in **Monorepo(micro-frontend) architecture**, developing **110+** private npm packages.
- Implementing robust automated workflows with **Github Actions** and **Dependabot**, saving the team **2+ hours** daily & efficiently managing the outdated dependencies.
- Implemented a validation React hook and reduced micro-frontend code by **40%**.
- Integrating the customer engagement platform **Xtremepush**, resulting in enhanced customer engagement, **boosting company revenues**.

### Achievements

- Improved API request performance by **73% for 20,000+** items using Promises in JavaScript Browser API.

Jun 2019 – May 2023

• **Senior Software Developer**

Rently Software Development Private Limited, Coimbatore, India

- Led the development of a Smart home Web & Mobile Application with **5000+** daily active users working on **IoT, MQTT, Bluetooth, Payment gateway, Maps, Heap, Sentry & 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 & codepush**.
- Conducted **100+ code reviews**, emphasizing **high code quality** 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, MaterialUI & 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 Full stack **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 testing.
- 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.

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.
- **Problem-Solving:** Problem solver with a pragmatic approach, demonstrating analytical thinking, strong technical skills, and a proven track record in collaboratively solving problems.
- **Leadership:** Exemplifying software development leadership with a proactive approach, effective team collaboration, and the ability to make independent decisions and take ownership.
- **Keen learner:** Proactively seeks continuous improvement by staying informed about emerging web & mobile technologies & industry trends.