Bharath Karunanidhi

Senior React/React Native Developer
(React, React Native, Typescript)

(5+ Years exp)

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

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JOB SKILLS

- Specialised in full stack web & mobile development, utilizing **React.js, Next.js, Node.js, React Native, Expo, JavaScript, TypeScript, Redux, Redux Toolkit, GraphQL, RESTful APIs.**

- Integrated **Beans Map(precise Geocoding)**, effectively addressing the user navigation challenge & contributing to a **40%** improvement in user retention.

- Experienced in working with **Monorepo architecture & Lerna**, with active contributions to the creation & maintenance of over **110+** private npm packages.

- Architected & implemented a **full stack CI/CD system** for Fastlane using **React, Node.js, WebSockets & SQLite DB**, leading to a notable increase in overall efficiency and output.

- Building & deploying **10+ React & React Native** applications in production environments.

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

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

TOOLS & TECHNOLOGIES

Frameworks	React Native, Node.js, Next.js, Express.js, Tailwind CSS
Languages/ Libraries	React.js, JavaScript, TypeScript, Three.js, HTML, ES6+, Mongoose, Java, Objective C, Storybook, NativeWind
Build Tools & Technologies	Gradle, Android Studio, XCode, Lerna, Postman, Test Flight, Responsively.app
CI/CD	Fastlane, Github Actions, Webpack, Vite, Vercel, Netlify, Bitrise, Jenkins, Docker, App Center, AWS S3, AWS EC2, AWS Amplify
Databases & Storage	Offline Storage, SQLite, 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 complex, **responsive UI** components using React and React Native for a lottery gaming application, which serves over 2,000 daily active users.

- Designing captivating **3D animations** with **Three.js** for visually compelling UI enhancements.

- 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.

Jun 2019 – May 2023

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

- Led the development of a web & mobile Smart Home Rental Application with **5000+** daily active users working on **IoT, Maps, Animations, Payment gateway, Heap, Sentry & Firebase.**

- Successfully delivered & maintained **3** React applications, including a **full-stack maps navigation** application, along with **2** React Native projects.

- Promoted **Agile methodologies**, collaborating with Product Owners and Managers on technical challenges & user insights (**Heap** & **Firebase analytics**) to drive project success.

- 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.

- Efficiently reduced technical debts by over **40%**, optimizing the codebase & enhancing application security.

- Skilled in codepush deployment, app store review management, and code signing.

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

- **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

- Effectively completed multiple feature developments, including advanced **data visualization & UI/UX enhancements**, alongside successful proofs of concept **(POCs)**.

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

- Achieved a **100%** tests coverage by implementing the **Jest** 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.

Aug 2016 - May 2020

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

LANGUAGE

English – Native 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 a proactive approach, effective team collaboration, and the ability to deliver innovative technical solutions.

- **Keen learner:** Proactively seeks continuous growth by exploring and implementing the latest technologies in personal projects.