

BALAMURUGAN V

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SUMMARY

Optimistic front end engineer offering 5 years of experience providing high-impact mobile & web application engineering solutions for diverse industry verticals that include AI-powered retail intelligence, fintech, e-commerce, smart home, CMS & healthcare. Demonstrated leadership and proven expertise in developing and deploying apps across web, Android & iOS platforms.

SKILLS

React Native, React, HTML, CSS, Javascript (ES6), Typescript, Redux state management, Hooks, ESLint, XCode, Android Studio, Firebase, Mixpanel, CI/CD, Fastlane, Mobile App development, performance optimization, design patterns, RESTful APIs, Unit Testing, Enzyme, Detox, problem solving, Agile/Scrum.

PROFESSIONAL EXPERIENCE

- Tech Lead, Divum Corporate Services, Bengaluru | June 2022 to March 2024.
 - Led the implementation and delivery of major product features.
 - Uplifted code quality, design patterns, architectural choices within the team resulting in 35% increase in user engagement.
 - Conducted comprehensive code reviews.
- Front end Engineer, Fleet Studio Technologies, Chennai | May 2021 to May 2022.
 - Led and contributed to the development of performant web & mobile applications.
 - Demonstrated strong communication and planning skills, aligning development efforts with customer needs.
- React Native Engineer, Inflect Technologies, Bengaluru | Jan 2020 to Dec 2020.
 - Leveraged Typescript for efficient development, placing a strong emphasis on testing and quality practices.
- Software Developer, Uniq Web Tech, Chennai | May 2019 to Nov 2019.
 - Developed e-commerce mobile apps with admin panels.

EDUCATION

- M.Tech. in Computer science Engineering, VIT University, Chennai | 2013 to 2015.
- B.E. in Computer science Engineering, Anna University, Chennai | 2008 to 2012.

CERTIFICATIONS

- Certified [APIs & Microservices Engineer](#), Free code camp | 2019.
- Multiple certifications in [Linkedin](#) | 2021.

PROJECTS

- Daikin ONE home - Monitor and control HVAC system on [App store](#) and [Google Play](#).
 - Bug fixing, new feature addition in react native.
- ABG Travel Services - Aditya Birla Travel app on [Google Play](#)
 - Architecting the app from scratch - the updated version v2.0.
 - Lead a team of 4 front end engineers.
 - Responsive web app in React & mobile app in React Native.

- Breathefree – India's first Lung health app on [Google Play](#)
 - Lead, develop, maintain the codebase; Google Play with CI/CD setup, library patches.
 - Spearheaded a major code refactoring initiative to upgrade react native 0.67 to 0.72 and the entire android and iOS systems including gradle, cocoapods, etc..
 - CMS admin panel to control the widgets of the app.
- [Wally](#) - Digital Accessibility
 - WCAG Rules compliance, a11y
 - React with Redux Saga, Tailwind, Web socket.
- [Mezzi](#) - Digital way to build wealth on [Apple's App Store](#)
 - Flutter, Firebase (serverless) firestore, RTDB.
 - Integrated third party SDKs for share market portfolio.
- KredX – Invoice Discounting & Investments platform on [Google Play](#) and [Apple Store](#)
 - Code revamp, security enhancements (Proguard), performance optimizations.
 - Contributed to Mandii – MSME Credit App by KredX.
- Infviz Shots – Retail visual intelligence on [Apple store](#) and [Google Play](#)
 - Facilitates the brand representatives of different vendors to capture data about the way their products are being displayed on the shelves in different stores.
- Goan Repatriation services on [Apple Store](#) and [Website](#)
 - Mobile app with CMS admin panel built with MERN stack.
 - Razorpay payment integration.
- Be Gorgeous (Green Trends Franchise) on [Google Play](#)
 - Mobile app with CMS admin panel built with MERN stack.
 - Resolved conflicts in building APIs for showing available slots based on parameters viz. , salon location, weekend/weekday, shutdown, etc., to book a service.
- [Mr.Maintenance](#) - A smart Home cleaning service provider
 - Mobile app with CMS admin panel built with MERN stack.
 - Integrated SMS blaster.

KEY ACHIEVEMENTS

- Established and implemented a comprehensive testing strategy, reducing post-release issues by 20%.
- Successfully rolled-out multiple apps on Google Play & Apple store, meeting the industry standards that include best practices not limited to linting, folder structure and performance optimizations.
- Fostered a culture of writing self-explanatory code and the usage of JSDoc and imparted continuous learning habits among the team members.

LANGUAGES

- Tamil (Native)
- English (Fluent)