BALAMURUGAN V

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SUMMARY

Optimistic front end engineer offering 6+ years of experience providing high-impact mobile & web application engineering solutions for diverse industry verticals that include AI-powered retail intelligence, fintech, e-commerce, CMS & healthcare. Demonstrated leadership and proven expertise in developing and deploying apps across web, Android & iOS platforms.

SKILLS

React Native, React.js, HTML, CSS, Javascript (ES6), Typescript, Redux state management, Hooks, Native bridging, ESLint, Charts, Maps, XCode, Android Studio, Firebase, Mixpanel, JSDoc, Gitlab CI/CD, Fastlane, Microsoft App Center, Mobile App development, performance optimization, design patterns, RESTful APIs, Testing and automation with Jest, Enzyme, Detox, problem solving, Agile/Scrum.

PROFESSIONAL EXPERIENCE

- Tech Lead, Divum Corporate Services, Bengaluru | June 2022 – Present.
  - Led the implementation and delivery of major product features.
  - Uplifted code quality, design patterns, architectural choices within the team resulting in 25% increase in user engagement.
  - Conducted comprehensive code reviews, fostering a culture of testing and automation.
- 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.
- Software Engineer, Recrosoft Technologies, Bangalore | Dec 2020 to Apr 2021.
  - Ensured end-to-end ownership and support of features, maintaining high app quality and performance.
- React Native Engineer, Infilect Technologies, Bangalore | Jun 2020 to Dec 2020.
  - Leveraged Typescript for efficient development, placing a strong emphasis on testing and quality practices.
- Software Engineer, Mindship LLP, Bangalore | Jan 2020 to May 2020.
  - Collaborated with the UI/UX team to build intuitive and responsive user interfaces.
- Software Developer, Uniq Web Tech, Chennai | May 2019 to Nov 2019.
  - Developed e-commerce mobile apps with admin panels to meet industry standards.
- Software Developer & Asst. Prof, S.A. Engg., College | June 2017 to May 2019.
  - Contributed to the development of LMS and student portal typically tailored to the needs of college students, staff and parents.

EDUCATION

- Master of Technology in Computer science Engineering, VIT University, Chennai | 2013 to 2015.
- Bachelor of Engineering in Computer science Engineering, Anna University, Chennai | 2008 to 2012.

CERTIFICATIONS

- Certified APIs & Microservices Engineer, Free code camp | 2019.
- Multiple certifications on Linkedin, 2021.

PROJECTS

- Breathefree – India's first Lung health app on Google Play
  - Lead, develop, maintain the codebase; Roll out to 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.
- Infiviz 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

- English (Fluent)
- Tamil (Native)