

Pushparaj Ramachandiran

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PROFESSIONAL SUMMARY

Senior Software Engineer with 4+ years of experience building scalable React and React Native applications. Proven expertise in IoT solutions, real-time dashboards, and cross-platform development. Skilled in leading development teams and delivering end-to-end products from UI design to deployment.

EDUCATION

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY Puducherry, India
B.Tech, Information Technology. CGPA: 7.01 2020

EXPERIENCE

IINVSYS PRIVATE LIMITED Puducherry, India
Senior Software Engineer July 2021 – Present

- Developed "Innomate," a React Native IoT mobile app for building automation and energy monitoring, enabling users to track usage, schedule devices, control remotely, and receive voltage alerts; deployed across 15 SBI bank branches, Jeon Maran buildings, and Meraki builders in UAE
- Engineered critical firmware update module with Wi-Fi and BLE connectivity for STM32 devices, ensuring seamless over-the-air updates for 10,000+ active users on a platform scalable to 1M users
- Built 15+ real-time monitoring dashboards for defence and railway sectors using React and Electron, featuring analytics, anomaly detection, inventory management, and socket-based live data synchronization
- Independently designed and developed 6 dashboards end-to-end, including low-fidelity and high-fidelity UI designs in Figma
- Developed offline-capable applications featuring OCR technology and 180-language translation support.
- Led a team of 5 developers, managing sprint planning, task delegation, code reviews, and daily scrum calls across 3 concurrent projects; delivered weekly status updates to stakeholders

PROJECTS

COFFEE SHOP E-COMMERCE WEBSITE Live
Full Stack Developer Feb 2025

- Built a full-stack e-commerce platform using React, Node.js, and MongoDB, featuring Stripe payment integration, shopping cart functionality, and inventory management system

SKILLS

Technical: React, React Native, Electron, JavaScript, Redux, Zustand, REST APIs, Material UI, Jest, Git/GitHub, Node.js, MongoDB

Design: Figma (Low-fidelity & High-fidelity UI Design)