

ALAN JACOB

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SUMMARY

To obtain a challenging Front-End Engineer position where I can apply my expertise in Next.js, React, and Tailwind CSS to build performant, scalable, and visually engaging web applications. With hands-on experience in developing complex dashboards, enterprise systems, and cross-functional UI components, I aim to contribute to a forward-thinking team by delivering clean, maintainable code and driving user-focused solutions.

PROFESSIONAL EXPERIENCE

VADPRO SOLUTIONS.

Calicut, Kerala

Lead Frontend Engineer

2025-Present

Frontend Engineer

2024-2025

Leading front-end migration of legacy Visual Basic software to modern Next.js framework; project is 95% complete, delivered ahead of the 1.5-year timeline. Spearheaded component architecture, UI planning, and sprint organization. Recognized for strong organizational skills and efficiency in driving project momentum across teams.

- Own front-end development for modernization of legacy Visual Basic application, migrating to a scalable, maintainable Next.js framework.
- Defined and enforced **Git workflow** standards, including branch naming conventions, commit hygiene, and review responsibilities.
- Design and implement core UI components and architecture to support long-term maintainability and performance.
- Overhauled the obsolete legacy source code of two production applications, resulting in increased usability and reduced run time performance by 50%
- Lead a team of 4 engineers within a 12-member department, including one remote developer.
- **Mentored** four junior developers through regular code reviews, offering mentorship on design patterns, clean code, and performance optimization.

COOKEE APPS LLP

Perinthalmanna, Kerala

Frontend Engineer

2023-2024

Joined as a junior front-end developer at a fast-growing hometown startup; completed six projects within nine months and recognized as a core performer. Trained under two senior engineers, gaining deep exposure to modern best practices..

- Early hire at a hometown startup as a junior front-end developer; delivered six full projects in just nine months, becoming a key contributor to product delivery.
- Gained hands-on experience in deployment, codebase scaling, and professional best practices while collaborating with senior developers.
- Work primarily with **Next.js**, focusing on interactive dashboards, nested forms, and data-heavy UIs for products like CRMs, ERPs, and hospital management systems.
- Developed and delivered full-scale front-end applications using Next.js, React, and Tailwind CSS, including a **matrimony dashboard and website**, a **job-matching platform**, a **hospital management system**, and an **e-commerce website**. Focused on building clean, scalable UIs and responsive user experiences across all projects.

EDUCATION

CALICUT UNIVERSITY

Calicut, Kerala

Bachelor of Science, Computer Science

2020-2023

- Achievements :**Secured 2nd place at the IHRD National Hackathon (Feb 2023)** by developing a working prototype of a Hospital Management System using React and firebase within 12 hours; delivered dynamic screens, token generation features, documentation, and a final presentation under real-time constraints

ADDITIONAL INFORMATION

- Technical Skills: JavaScript, React, Next.js, HTML5, CSS3, Tailwind, Material UI, Redux, Axios
- Languages: Fluent in Malayalam(native), English; Conversational Proficiency in Hindi