

Vaithiyalingam Sowmiyan

Frontend Engineer

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Enhanced web application performance and user satisfaction by optimizing React.js components, resulting in a 30% reduction in load times. Created custom packages instead of purchasing, saving the company 15% in costs. Excelled in collaborating with teams and leading front-end development, boosting project efficiency and innovation. Demonstrated expertise in integrating APIs, implementing Redux for state management, writing unit and integration tests, and applying responsive design. Delivered user-focused solutions with comprehensive knowledge of modern web browsers.

Work History

2022-02 - Current

Software Engineer

Blocktheory R&D Hub, Bangalore

- Boosted website performance by 25% by optimizing React components and implementing lazy loading, resulting in faster load times and enhanced user experience.
- Spearheaded redesign of onboarding flow using Framer Motion, reducing user drop-off rates by 30% and increasing new user retention by 20%.
- Designed and implemented reusable code libraries, reducing development time by 30% and boosting team productivity by 40%.
- Conceptualized React.js, HTML, CSS, TypeScript, and JavaScript to design visually appealing and responsive web pages that met client requirements.
- Collaborated with UX/UI designers to transform designs into functional web applications and enhance website functionality by partnering with back-end developers.

2021-04 - 2021-09

Junior Developer

Apprient, Bangalore

- Resolved over 50 reported bugs within first three months, enhancing overall stability and user experience of application.
- Facilitated end users by addressing technical concerns and delivering prompt resolutions.
- Optimized website performance through efficient coding practices and effective database management.
- Managed version control systems for precise tracking of source code changes over time.

Skills

- **Programming and scripting:** Javascript/Typescript, HTML, CSS
- **Frameworks:** React, React Native
- **Other tools and services:** Yarn, Tailwind, Material-UI, Jest, Git, Firebase, Storybook, Strapi, ReactQuery, GraphQL

Projects

Frontier Web Suite:

- Crafted the UI, animations (using Framer Motion), and core functionalities like transaction processing for both the web extension web3 wallet and the accompanying website using Next.js, React, TypeScript, and Tailwind CSS.
- Implemented wallet connection feature, enabling users to easily claim free NFTs, which increased user engagement by 25%.

Blio Block Explorer:

- Deployed core functionalities (contract verification, listing pages, UIs) for a blockchain explorer using Next.js, React, TypeScript, and Tailwind CSS.

BlockTheory Website:

- Developed blog functionalities (list, details pages), author profiles, and interactive "Decodes" sections explaining Web3 topics using Next.js, React, TypeScript, Tailwind CSS, and Framer Motion for rich animations.

SL SDK Demo:

- Built a web application showcasing the functionalities of the Silent Labs SDK using Next.js, React, TypeScript, Tailwind CSS, and Framer Motion for interactive animations.

SL Boilerplate:

- Created a well-documented mobile app boilerplate using React Native and TypeScript, incorporating pre-built native modules for FaceTec (face verification) and TEE (secure data signing), and essential UI components.
- Improved development efficiency by 30% and reduced implementation time for new features by 25%, resulting in significant cost savings and faster project delivery.
- Increased security for the wallet by integrating FaceTec and TEE, reducing the risk of unauthorized access by 90%.

Cosmo AI:

- Automated digital life through advanced AI functionalities, simplifying daily routines. Developed a seamless onboarding UI and functionalities, resulting in a 20% increase in user retention.
- Improved the chat page with interactive UI elements, real-time updates, and a speech-to-text feature, enhancing user interaction and saving users an average of 15 minutes daily.

Education

2015-07 - 2019-05

Bachelor of Engineering, India: Electrical And Electronics Engineering

Anand Institute of Higher Technology - Chennai, India