Aravindh Easwaran

Full-Stack Developer — React —
Node.js — UX/UI — AWS

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Professional Summary

Full-Stack Developer with 5+ years in scalable, user-centric web apps. Expert in JavaScript, server-side tech, and UX/UI.

Core Competencies

Frontend React, Redux, Angular, Vue.js, TypeScript, HTML5, CSS3, SASS, Webpack

Backend Node.js, Express, MongoDB, GraphQL, RESTful APIs, Microservices

UX/UI & DevOps Figma, Adobe XD, Wireframing, AWS, Docker, Kubernetes, CI/CD

Testing & Tools Jest, React Testing Library, Cypress, Git, Agile/Scrum, JIRA, TDD

Professional Experience

Nov 2022 – Present **UX/UI Developer**, *Ira A. Fulton Schools of Engineering, Arizona State University*, Tempe, USA

- Engineered responsive web applications using React and JavaScript, driving a 40% boost in user engagement and a 30% reduction in bounce rates.
- Executed comprehensive user research, translating insights into high-fidelity wireframes and interactive prototypes using Figma, resulting in a 25% increase in user satisfaction scores.
- Fostered collaboration with cross-functional teams to integrate user-centered design principles into the development process, leading to a 50% decrease in post-release UI-related issues.
- Orchestrated front-end performance optimizations, achieving a 60% improvement in load times and a perfect Lighthouse score for performance and accessibility.

Jan 2024 – June 2024 **Full-Stack Engineer**, *Reguvare*, Phoenix, USA

- Designed and implemented a real-time biofeedback dashboard using React, Redux, and WebSockets, integrating Claude AI API to boost biofeedback accuracy by 25%.
- Drove application performance enhancements, resulting in a 40% reduction in load time and 20% improvement in overall user engagement.
- Crafted advanced UI animations and interactions using Framer Motion, elevating the user experience and increasing user retention by 15%.
- Championed the adoption of TypeScript across the frontend codebase, reducing bugs by 30% and enhancing code maintainability.

Aug 2022 – Jan 2024 **Software Engineer**, *Contak (AI Music Startup)*, Phoenix, USA

- Led the development of an AI-powered music platform using React, Redux, and TypeScript, catalyzing a 50% increase in daily active users.
- Architected and implemented an intuitive, responsive UI that streamlined user search time by 35% and bolstered overall platform engagement by 40%.
- Integrated GraphQL for efficient data fetching, slashing API calls by 60% and enhancing application performance.
- Implemented server-side rendering (SSR) with Next.js, amplifying SEO performance and cutting initial load time by 45%.

Jun 2019 – May 2022 **Full-Stack Developer**, *E21 Designs*, Chennai, India

- Engineered and deployed 15+ high-traffic web applications using React, Redux, AngularJS, and Next.js, serving over 1 million users monthly.
- Constructed robust backend systems using Node.js and Express, enhancing API response times by 55%.
- Implemented comprehensive test suites using Jest and React Testing Library, achieving 95% code coverage and minimizing post-release bugs by 70%.
- Optimized database queries and implemented caching strategies, resulting in a 65% reduction in server load during peak hours.

Education

2024 **M.S. in Computer Science, GPA: 4.00**, *Arizona State University, USA*

2020 **MBA, GPA: 4.00**, *IIBM Institute of Business Management, India*

2019 **B.S. in Computer Science**, *SASTRA University, India*