Mageshkannan Annathurai

Frontend Developer / React JS Developer
Srivilliputtur - 626125, India

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Summary

With over 3 and half years of experience designing and building dynamic, accessible, and user- friendly responsive web apps. Proven ability to deliver high-quality code, collaborate effectively with teams, and meet deadlines consistently.

Experience

Ernst And Young GDS — Software Engineer   April 2024 – Present
Coimbatore, India - Remote

- Developed and maintained a user-friendly dashboard, data tables, and a form wizard for a critical marketplace platform focused on Carbon Emission at a leading global financial institution.
- Leveraged **React, Redux Toolkit, Redux Saga, and Cypress** for efficient development, robust state management, and comprehensive testing.
- Collaborated effectively with management, internal teams, and development partners to ensure smooth project execution, timely delivery, and alignment with business objectives.
- Prioritized code quality, scalability, and maintainability to ensure long-term stability and minimize future maintenance.
- **Integrated third-party APIs** to enhance application functionality, improve user experience, and leverage external services for advanced capabilities.
- **Developed reusable components to** significantly reduce development time and effort across multiple projects, **increasing efficiency and productivity**.
- **Improved application performance by 65% and reduced initial page load time by 40%** through code splitting, lazy loading, and optimization techniques.
- Implemented rigorous unit and end-to-end testing protocols using Jest, Cypress, resulting in improved code quality and a significant reduction in bug rates with at least **80% test coverage**.
- Actively participated in agile development methodologies, including daily stand-ups, sprint planning, and retrospectives, fostering effective teamwork and continuous improvement.

Capgemini Technology Services India Ltd — Software Engineer   April 2024 – July 2023
Chennai - Remote

- Supported in migration of a critical financial information platform from Angular to React, improving performance and enabling real-time data updates.
- Modernized the technology stack with **React.js, Next.js, Express.js, Redux Toolkit, Auth0**, and Zod for enhanced scalability, security, and user experience.
- Developed **reusable components and implemented custom hooks** to improve code maintainability, reduce redundancy, and enhance development efficiency.
- Conducted thorough testing using the React Testing Library, achieving **100% code coverage on critical components** to ensure application stability and reliability.
- Developed and implemented a comprehensive internal project management application, replacing manual processes with a streamlined digital solution.
- **Reduced manual data entry by 75%** and improved data accuracy through automation and robust validation.
- Recognized for outstanding project contributions with the **"Project of the Month" award in September 2021**.

Shaiash Info Solutions — Software Engineer Intern   Dec 2019 – Feb 2020
Chennai, India

- Supported in a Clinic appointment booking project.
- Helped to develop the front end with HTML, CSS and Bootstrap and ensuring responsiveness across all devices.
- Worked with developers to identify and remove software bugs.

Certifications

1. AWS Cloud Practitioner — Validity: Jun 2021 - Jun 2024 *View Certificate*

2. Meta Front-End Developer *View Certificate*

Skills

Key Skills: React js, Next js, JavaScript (ES6+), Typescript, Redux Toolkit, Redux Saga React Router, Reusable Components (JSX/TSX), Custom hooks, Unit Test (jest), E2E Test (Cypress).

- *Languages* — JavaScript, Typescript, SQL.

- *Libraries/Frameworks* — React js, Next js, React Router, React Query, React Hook Form, Redux, Redux Saga, Redux Toolkit, React Native, Firebase, Supabase, Auth0, Clerk.

- *Markup/UI Libraries* — HTML 5, CSS 3, Tailwind CSS, Bootstrap, MUI, Shadcn UI.

- *Testing* — Jest, React Testing Library, Vitest, Unit Test, E2E Testing, Cypress.

- *Version Control* — Git, GitHub.

- *Tools/DevTools* — VS Code, Jira, Teams, Slack, Figma, Microsoft Office, Chrome DevTool, Light House, React DevTool, Redux DevTool, WAVE(accessibility), Mobile Simulator(responsive).

- *Backend* — Express, Postgres, JWT, Microservices.

- *Others* — Vite, Webpack, Linux, Vercel, AWS, Power BI, Node js, Agile.

Education

Adhiyamaan College of Engineering, Housr

B.E Computer Science and Engineering Oct 2016 - Apr 2020

CGPA 7.4