

Mageshkannan Annathurai

Frontend Developer / React JS Developer

Srivilliputtur - 626125, India

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👤 [Portfolio](#)

🌐 [LinkedIn](#)

🐙 [GitHub](#)

Summary

With over 3.6 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 in Agile.

Experience

EY GDS— Software Engineer

April 2024 – March 2025

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 — Software Engineer

April 2021 – 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.**

Shaish 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, WCAG(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