

Mageshkannan Annathurai

Software Engineer

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Education

Adhiyamaan College Of Engineering

Bachelor of Engineering in Computer Science – CGPA:7.39

Hosur, India

Oct 2016 - Apr 2020

Experience

EY GDS

Software Engineer

Coimbatore, India

April 2024- March 2025

- Contributed to Carbon Ecosystem's application state management, building complex UI such as Data tables, Dashboards and Form wizard with **React, Redux Toolkit, AG Grid, MUI**
- Improved application performance by 65% and reduced initial page load time by 40%** through code splitting, lazy loading, and optimization techniques.
- Implemented end-to-end testing protocols using Cypress, resulting in improved code quality and a significant reduction in bug rates with at least **80% test coverage**.
- Collaborated effectively with management, cross functional teams, and development partners to ensure smooth project execution, timely delivery, and alignment with business objectives.

Capgemini

Software Engineer

Chennai, India

April 2021 - July 2023

- AWS Certified Cloud Practitioner** – Earned during training phase.
- Developed and maintained Power BI dashboards over a 2-month project, transforming data into actionable insights.
- 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. View Recognition**

Certifications

- Meta Front-End Developer **View Certificate**
- EY Cloud Badge **View Badge**

Skills

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

- Languages** – Java, JavaScript, Typescript, SQL.
- Libraries/Frameworks** – React js, Next js, React Router, React Query, React Hook Form, Redux Toolkit.
- Markup/UI Libraries** – HTML 5, CSS 3, Tailwind CSS, MUI, Shadcn UI.
- Testing** – Jest, React Testing Library, Vitest, Unit Test, E2E Testing, Cypress.
- Version Control** – Git, GitHub.
- Database** – Postgres.
- Tools/DevTools** – VS Code, Figma, Microsoft Office, Chrome DevTool, Light House, React DevTool, React Profiler, Redux DevTool, WAVE(accessibility).
- Others** – Data Structures and Algorithms, Object-Oriented Programming, Integration of REST APIs, Babel, Webpack, Linux, Vercel, AWS, Power BI, Node js, Agile.