

# PRAVIN A

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## Skills

React.js | Next.js | Redux | JavaScript (ES6+) | HTML5 | CSS3 | Bootstrap | Styled Components | Responsive Design | Accessibility (ADA) | Node.js | Express.js | REST APIs | GraphQL (exposure) | JWT Authentication | MongoDB | Mongoose | Git | Bitbucket | GCP | Azure | Vercel | Render | Google Cloud (ACE Certified) | Generative AI Leader Certified

## Work Experience – TCS | Frontend Developer (Staples Client) (2022 - Current)

- Designed **Figma-based UI components** from **ReactJs** library and implemented backend routes for the **Staples Loyalty Program**, which serves **millions of customers across the US** and contributes to Staples' multi-billion-dollar annual revenue.
- Migrated **15+ React class components** to functional components with hooks, improving maintainability and reducing component load times by **~30%**.
- For CSS, migrated **SCSS** styles to **styled components** improving maintainability and reducing code complexity by **~25%**.
- Implemented **server-side rendering (Next.js)** and **lazy loading**, cutting initial page load time by **40–60%** and boosting user engagement.
- Integrated **Redux for state management**, streamlining global state handling across multiple modules and reducing data-fetching overhead by **~20%**.
- Built **REST APIs with Node.js/Express.js** and integrated **JWT authentication**, powering secure access for thousands of users.
- Ensuring **cross-browser compatibility and ADA accessibility**, and **responsiveness** in different screen sizes which reduce UI defects by **15%**.
- Used **Bitbucket for version control** and **Jenkins for CI/CD pipelines**, ensuring smooth collaboration across teams and reducing deployment errors by **~15%**.
- Collaborated closely with **cross-functional team members (QA, UX/UI, and product managers)** in an **Agile/Scrum environment**, participating in sprints, code reviews, and daily stand-ups.

## Personal Projects

Task Router (MERN Application) – [Live Demo](#) | [GitHub](#)

- Built a **task management** platform using **React.js, Node.js, Express.js, and MongoDB**, enabling secure task creation, updates, and deletion.
- Implemented **user registration, JWT authentication and form validation**, ensuring secure and reliable user workflows.
- Deployed globally with **Vercel (frontend) and Render (backend)**, achieving seamless availability and scalability.

Portfolio Website – [Live Demo](#) | [GitHub](#)

- Designed and developed a **personal portfolio** using **React.js, Next.js, and Redux**, showcasing professional projects and skills.
- Optimized for **responsive design and fast loading**, ensuring smooth cross-device experience.
- Deployed on **Vercel** with continuous updates from **GitHub** for efficient maintenance.

## Certifications

- [Google Associate Cloud Engineer](#)
- [Google Generative AI Leader](#)
- [ReactJs Developer Certification](#)

## Education (2018 - 2022)

B.Tech in Sastra Deemed To Be University, Thanjavur with a CGPA of 7.5/10