

# SURYA PRAKASH SRIGADA

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## PROFESSIONAL SUMMARY

Frontend Developer with 2 years of experience building responsive, high-performance web applications using modern frameworks. Experienced in turning design concepts into scalable interfaces and improving performance, accessibility, and SEO across complex projects.

## TECHNICAL SKILLS

- Frontend:** HTML5, JavaScript (ES6+), React.js, Redux Toolkit, Astro.js, Next.js, Typescript, Rest APIs and GraphQL.
- Styling:** CSS 3, SASS(SCSS), Tailwind CSS, Material UI, ShadCN UI and Bootstrap 5.
- Testing:** React Testing Library, Jest.
- Tools:** Git (Version Control), GitHub, Postman, VS Code, Jira, Vite, Webpack and Parcel.

## WORK EXPERIENCE

### Techmojo Solutions Private Limited.

Hyderabad, India

October 2023 – Present

#### Frontend Developer

- Led end-to-end frontend development for multiple projects — from choosing frameworks to implementing scalable, high-performance React.js applications.
- Architected a modular, component-driven React.js frontend with **30+ reusable components**, improving development efficiency and ensuring UI consistency across pages.
- Implemented client-side routing** with **React Router**, enabling seamless navigation, dynamic route handling, and optimized user flows without full page reloads.
- Utilized **React Hooks** and **Context API** for clean, maintainable state management across components.
- Integrated **Strapi (Headless CMS)** for dynamic, multilingual content management — enabling non-technical teams to update website content without redeploying.
- Designed and implemented the Strapi content architecture, creating multiple **collections** and **single** types to manage all website content dynamically.
- Developed advanced search and filtering features using **React** and **TypeScript**, including **auto-suggestions**, **multi-criteria filters**, and **instant search**, enhancing user experience.
- Implemented **file-based content fetching** and hybrid static/dynamic rendering in **Astro** to optimise **performance** and reduce server load, reducing load times by **45%** and improving Core Web Vitals across all major pages.
- Optimised frontend performance** through code splitting, lazy loading, and asset compression, achieving **Lighthouse scores of 90+** in Performance, Accessibility, and SEO.
- Ensured accessibility compliance (WCAG/ARIA)** and maintained semantic HTML for better usability across all devices.
- Followed **Git** based workflows and **Agile methodologies**, contributing to sprint planning, code reviews, and collaborative development.
- Maintained clean, maintainable TypeScript codebases, enforcing strong typing and reusability across UI modules.

## EDUCATION

### Andhra University, Vishakapatnam, Andhra Pradesh

March 2018 - June 2021

Bachelor's Of Computer Applications.

## PROJECTS

### Food Ordering Website:

- React.js, Tailwind CSS, Parcel, Swiper.js, Redux.
- Developed a **food ordering web application** using React.js and Redux Toolkit to manage carts and orders.
  - Used **React Router** for smooth navigation between menus, cart, and checkout pages.
  - Added **Swiper.js** carousels for menus and featured items to enhance interactivity.
  - Managed **state with Redux Toolkit** to keep cart, orders, and user session data consistent across components.
  - Optimised the app using **Parcel bundler** for faster load times and better performance.
  - Created **reusable React components** to simplify maintenance and accelerate future development.
  - Implemented **search and filter functionality** for menu items, allowing users to quickly find dishes based on category, price, or popularity.
  - Ensured **accessibility and usability**, following semantic HTML and responsive design best practices for all screen sizes.