

SOWMITH SRIPADI

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Miami, Florida

SUMMARY:

Software Engineer with over 2 years of experience developing applications using **React, Node.js, Express, and MongoDB**. Proficient in designing and modifying **UI components**, crafting and integrating **RESTful APIs**, and restructuring code for **efficiency and maintainability**. Experienced in transforming **Figma designs into responsive web pages**, ensuring **intuitive user experiences and modern interfaces**.

EDUCATION:

Master of Science, Computer Science; Florida International University, Miami, Florida
GPA: 3.67

December 2024

EXPERIENCES:

Software Developer, Florida International University, Miami, Florida

May 2024 - December 2024

- Optimized **frontend API handling** in **React.js**, improving **real-time parking availability updates** by efficiently fetching and processing **third-party XML data**.
- Designed and enhanced the **UI/UX** for FIU's parking dashboard, ensuring **ADA compliance, mobile responsiveness, and intuitive real-time visualization** using **Tailwind CSS**.
- Assisted in **backend API integration**, working on fetching and mapping **real-time data from FIU's parking sensors** into a structured format for frontend display.

Full Stack Engineer, Accenture, Hyderabad, India

August 2021 - December 2022

- Designed modular front-end components and **custom hooks in React.js**, accelerating development cycles by 25% and simplifying future maintenance.
- Engineered and refined UI components such as **dropdown menus, File uploaders, sidebars, and buttons** with React.js, leading to a 20% boost in user engagement and satisfaction.
- Performed **state management** through **Redux**, cutting debugging time by 15% and ensuring better scalability for enterprise applications.
- Connected front-end applications with **RESTful APIs** via Axios, making data retrieval 25% faster and improving overall user experience.

Full Stack Engineer, Infor, Hyderabad, India

July 2020 - August 2021

- Orchestrated and structured RESTful APIs with **Node.js and Express.js**, facilitating seamless system communication and trimming server response times by 20%.
- Enhanced MongoDB query performance by implementing **indexed queries**, optimizing schema design, and leveraging **covered queries**, reducing execution time by 30%.
- Developed modular front-end features leveraging React.js, simplifying onboarding for new developers by 20% and elevating application scalability.
- Collaborated with designers and backend engineers to create user-friendly and responsive web applications, contributing to a 15% rise in client satisfaction.

PROJECTS:

TriedAndTested | <http://github.com/SowmithSripadi/TriedAndTested>

- Created a blogging platform featuring **AI-generated visuals**, leading to a 20% uptick in user interaction.
- Utilized **styled-components, Tailwind CSS, and Vite** for a high-performance UI, cutting page load times by 20%.
- Led the integration of **Clerk authentication** and **DeepAI** APIs to automate AI-driven image generation, driving a 50% increase in user engagement.

SocialCart | <http://github.com/SowmithSripadi/SocialCart>

- Architected a real-time collaborative e-commerce shopping experience with **React, Redux, and WebSocket (Socket.io)**, enhancing user engagement by 40% and improving multi-user interactions.
- Secured user authentication with **bcrypt.js** and implemented file storage using **Multer and Cloudinary**, ensuring robust data protection and seamless media handling.
- Utilized **Node.js and MongoDB** to optimize query response times by 30%, delivering a modern and fluid user interface.

SKILLS:

- **Programming Languages:** JavaScript, HTML, CSS, Python, C++, C, Lua, Java, SQL, TypeScript, C#
- **Libraries & Frameworks:** React.js, Next.js, Node.js, Express, Redux, EJS, Socket.io
- **Styling & UI:** CSS Modules, Styled Components, Tailwind CSS, Bootstrap, Material UI, Shaden
- **Build, Tooling & others:** Build, Tooling & others: Vite, npm, pnpm, Git, GitHub, Linux, Docker, Postman, MySQL, MongoDB, Canva, Figma, WordPress, jQuery, Agile/Scrum Methodologies, Websocket, NoSQL, REST API
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Management System, Computer Networking

ACTIVITIES/INVOLVEMENT:

- SOBEWFF Volunteer February 2023 and 2024