

# SOWMITH SRIPADI

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## EDUCATION

**Florida International University**  
Master of Science, Computer Science

**Miami, Florida**  
Cumulative GPA: 3.67

## EXPERIENCE

### Accenture

Software Engineer

**Hyderabad, India**

August 2021 - December 2022

- Developed and optimized UI components such as data grids, modals, and charts using **React.js**, resulting in a 20% increase in user satisfaction and engagement.
- Streamlined application **state management** through **Redux**, reducing debugging time by 15% and improving scalability for enterprise applications.
- Implemented reusable front-end components and **custom hooks** using **React.js**, cutting development time by 25% and enhancing maintainability.
- Improved application performance by implementing **lazy loading**, **code splitting**, and optimized asset delivery, reducing page load times by 30%.
- Integrated **RESTful APIs** into front-end applications using **Axios**, improving data retrieval efficiency by 25% and enabling seamless user interaction.

### Infor

Software Engineer

**Hyderabad, India**

July 2020 - August 2021

- Designed and built RESTful APIs using **Node.js** and **Express.js**, improving data communication between systems and reducing server response times by 20%.
- Tuned complex **SQL** queries by optimizing indexing and schema design, achieving a 30% reduction in database query execution time.
- Developed modular front-end features with **React.js**, reducing onboarding time for new developers by 20% and enhancing application scalability.
- Partnered with designers and backend engineers to create secure and responsive web applications, leading to a 15% increase in client satisfaction ratings.

### Florida International University

Teaching Assistant

**Miami, Florida**

May 2023 - December 2024

- Created supplementary instructional materials and interactive modules, improving student engagement and comprehension by 25%.
- Guided undergraduate students through advanced coursework and practical applications, leading to a 30% improvement in midterm assessment scores.

## PROJECTS

### SocialCart | [http://github.com/SowmithSripadi/SocialCart](https://github.com/SowmithSripadi/SocialCart)

- Built a **real-time shopping platform** using **React**, **Redux**, and **WebSockets (Socket.io)** for collaborative cart management, boosting user engagement by 40%.
- Implemented secure user authentication with **bcrypt.js** and integrated file handling via **Multer** and **Cloudinary**, ensuring robust data protection and streamlined media management.
- Leveraged **Node.js**, **MongoDB**, and **TailwindCSS**, reducing query response times by 30% while delivering a modern, responsive user interface.

### TriedAndTested | [http://github.com/SowmithSripadi/TriedAndTested](https://github.com/SowmithSripadi/TriedAndTested)

- Developed a blogging platform **integrating AI-generated** visuals, boosting user engagement by 20%.
- Leveraged **styled-components**, **Tailwind CSS**, and **Vite** for a fast, responsive UI, reducing page load times by 30%.
- **Integrated Clerk** for secure, frictionless user authentication, enhancing account management and overall platform stability.

## SKILLS

- **Programming Languages:** JavaScript, HTML, CSS, Python, C++, C, Lua, Java, SQL, TypeScript, C#
- **Libraries & Frameworks:** React.js, Redux, Flux, Node.js, Express, EJS, Socket.io, Nextjs
- **Styling & UI:** CSS Modules, Styled Components, Tailwind CSS, Bootstrap, Material UI, Shaden
- **Build, Tooling & others:** Vite, npm, Git, GitHub, Jenkins, Linux, Docker, Postman, MySQL, MongoDB, Canva, Figma, WordPress, Mocha, Splunk, Jest, jQuery, Postgres, GraphQL
- **Concepts & Methodologies:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Agile/Scrum Methodologies, WebSockets, NoSQL, REST API, CI/CD, Agile