

SOWMITH SRIPADI

(786)-784-2900 | <http://www.linkedin.com/in/sowmithsripadi> | github.com/SowmithSripadi | sowmithsripadi.com | sowmithsripadi1@gmail.com

EDUCATION

Florida International University
Master of Science, Computer Science

Miami, Florida
Cumulative GPA: 3.67

EXPERIENCE

Accenture

Hyderabad, India

Full Stack Developer

August 2021 - December 2022

- Developed responsive UI components such as sliders, drop-down menus, and pagination controls using **React.js**, **Redux** for state management, and **React Router** for seamless navigation, resulting in an 18% increase in user satisfaction.
- Optimized MySQL databases, utilizing **indexing** and complex joins, which improved query performance by 30%, enhancing overall data retrieval efficiency.
- Integrated **RESTful APIs** into applications to streamline data exchange between front-end interfaces and back-end systems, reducing data retrieval latency by 25% and improving application performance for over 5000 daily users.

Florida International University

Miami, Florida

Teaching Assistant

May 2023 - December 2024

- Developed supplementary instructional materials and interactive modules, improving student engagement and comprehension by 25%.
- Guided undergraduate students through complex problem-solving activities, resulting in a 30% increase in critical thinking and analytical skills, as reflected in midterm assessment scores.

PROJECTS

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

- Developed a social commerce platform, SocialCart, leveraging **WebSocket** and **Redux** to facilitate real-time collaborative shopping experiences. This innovation resulted in a 40% increase in user engagement by enabling users to interact and shop seamlessly.
- Implemented a live chat system within a shared cart session using **Socket.io** and Redux, allowing users to communicate in real time while jointly managing the cart. The platform's **UX/UI** was enhanced by designing intuitive, user-friendly interfaces and workflows, ensuring a seamless and engaging shopping experience.
- Utilized **MongoDB** with **Mongoose** for optimized data storage and organizing product details, including images, categories, and pricing for streamlined retrieval. This setup ensured efficient data management and scalability of the platform.

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

- Designed and implemented a blogging platform **integrating AI** for generating visuals, which enhanced user engagement rates by 20%. The AI-generated visuals provided dynamic and personalized content for users.
- Constructed scalable **RESTful APIs** and implemented a modular architecture to enhance the maintainability and scalability of backend systems. Leveraging **Node.js** facilitated efficient development and deployment processes.
- Utilized efficient **middleware integration** techniques for user authentication and validation processes, contributing to a noticeable improvement in security and maintaining robust app stability. This ensured user data was protected and the application remained reliable under high traffic.

SKILLS

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