# Sowmith Sripadi

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## EDUCATION

**Florida International University**                                      **December 2024**
*Master of Science*, Computer Science.
**Osmania University**                                      **July 2021**
*Bachelor of Science*, Computer Science & Engineering.

## WORK EXPERIENCE

**Accenture**                                      **August 2021 - December 2022**
*Application Development Associate*                                      India, Hyderabad
- **Developed responsive UI components** such as sliders, drop-down menus, and pagination controls using React.js and Ant Design, enhancing user satisfaction scores by **18%**.
- **Developed and optimized MySQL databases**, utilizing indexing and complex joins, which improved query performance by **30%**, enhancing overall data retrieval efficiency.
- **Generated comprehensive accuracy reports** with data visualization tools like Tableau, improving project understanding and leading to a **15%** increase in stakeholder engagement.

**Florida International University (Part-time)**                                      **May 2023 - Present**
*Teaching Assistant*                                      Florida, Miami
- Assisted in teaching Systems Programming course and Software Testing course.
- Graded assignments and exams, offering constructive feedback to enhance student performance.
- Conducted office hours and review sessions to reinforce understanding of key course material.

## PROJECTS

**SocialCart [https://github.com/SowmithSripadi/SocialCart]**
- Developed a real-time collaborative shopping feature in an e-commerce app using **WebSocket** and **Redux**, enabling two users to simultaneously add items to a shared cart with synchronized updates for a seamless shopping experience.
- 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, enhancing user engagement and interactivity.
- Utilized MongoDB with Mongoose for optimized data storage, organizing product details like images, categories, and pricing for streamlined retrieval.

**TriedAndTested [https://github.com/SowmithSripadi/TriedAndTested]**
- **Developed** a blogging app for user-driven solutions to real-world problems.
- Integrated AI for Dynamic Visuals, generating images based on blog content.
- Built **RESTful APIs** and Modular Architecture for scalable and maintainable backend functionality.
- Integrated Middleware for request handling, user authentication, and data validation, reinforcing security and app stability.

## SKILLS

- **Programming Languages:** JavaScript, C++, SQL, HTML, CSS, Python, C.
- **Frameworks/libraries:** React.js, Node.js, Express.js, Flask.
- **Technologies:** Git, MongoDB, MySQL, Postman, RESTful API, Docker.
- **Courses:** Data Structures and Algorithms, Operating Systems, Computer Networks, Software Engineering.