Sowmith Sripadi

✉ sowmithsripadi1@gmail.com   ☐ 7867842900   in/sowmithsripadi   ☁ sowmithsripadi.com

EDUCATION

Master of Science, Computer Science

Florida International University · Miami, USA · 2024

Bachelor of Science, Computer Science

Osmania University · India · 2021

EXPERIENCE

Full Stack Developer

Accenture   **August 2021 - December 2022, Hyderabad, India**

· Developed responsive UI components such as sliders, drop-down menus, and pagination controls using React.js, 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.
· 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.

Teaching Assistant

Florida International University (Part-time)   **May 2023 -December 2024, Miami, Florida**

· Developed supplementary instructional materials and interactive modules, improving student engagement and comprehension by 25%.
· Facilitated project-based learning experiences, increasing practical application skills among students, as measured by a 20% improvement in lab assignment scores.
· 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

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 together 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. This feature enhanced user interactivity and satisfaction.
· Utilized MongoDB with Mongoose for optimized data storage, organizing product details including images, categories, and pricing for streamlined retrieval. This setup ensured efficient data management and scalability of the platform.

TriedAndTested

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 that user data was protected and the application remained reliable under high traffic.

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.