SAI SRUJAN PENTA

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EDUCATION

Northeastern University, Boston, MA   Expected Dec 2023
Master of Science in Information Systems
Relevant Courses: Web Design and User Experience Engineering, User Experience Design, Application Engineering and Development

Vellore Institute of Technology, Vellore, India   Apr 2019
Bachelor of Technology in Mechanical Engineering
Relevant Courses: Problem Solving and Object-Oriented Programming, Python for Engineers, Statistics for Engineers.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Capgemini, India   Apr 2021 - Dec 2021

- Constructed reliable solutions using JavaScript and React.js design pattern to meet client demands for functionality, scalability and performance attained an average of 95% client satisfaction ratings
- Designed web-based software using CSS, HTML, JavaScript and Web API to improve user experience and accomplished a 20% reduction in development time through use of templates and table-driven methods
- Initiated and led training three peers in web technologies (HTML, CSS, JavaScript), ensuring responsive website creation for enhanced user satisfaction and leading to promotions

Software Engineer, Capgemini, India   Mar 2020 - Mar 2021

- Executed HTML, CSS, SASS, and JavaScript to build and deliver responsive websites, demonstrating a seamless user experience and strict adherence to modern web development practices
- Achieved a track record of skillfully collaborating with diverse team members, clients and stakeholders, facilitating clear and concise information exchange for achieving favorable project outcomes

TECHNICAL SKILLS

- Web Technologies: HTML, CSS, SASS, JavaScript, Bootstrap, React.js, Express JS, Node.js, Three.js, TypeScript
- Languages: Python, SQL, Web Services
- Frameworks: Bootstrap, jQuery, NodeJS
- Tools: Visual Studio Code, Moqups, Balsamiq, Figma, Git, MySQL, SAP Logon, Google Colab
- Database: Mongo DB, SQL, DBMS, RDBMS

RELATED PROJECTS

Professional Portfolio Website [HTML, CSS, React.js]   Feb 2023 - Mar 2023

- Incorporated scrolling animations and individual React components for each section of website
- Ensured optimal website display on multiple devices and screen sizes through implementation of responsive design techniques

GrowthSpur - Enterprise Domain Mobile Application [Figma, Moqups]   Feb 2023 - Mar 2023

- Collaborated in a team of five to develop wireframes to communicate design concepts, user flows, and functionality applying Figma and Moqups while adhering to Google material design standards
- Conducted user research, usability testing and card sorting techniques to gather feedback and insights, contributing to design system and maintained design documentation

Zolve - Mobile Banking Application [Moqups]   Jan 2023 - Feb 2023

- Devised a clone of banking application wireframes as part of User Experience engineering leveraging Moqups tool
- Implemented interactive features in Moqups to elevate user experience, showcasing proficiency in employing design and collaboration tools

DreamHome - MERN Stack Website [React.js, HTML, CSS, JavaScript, MongoDB]   Oct 2022 - Dec 2022

- Analyzed business requirement to translate functional requirements into technical and developed web application using MongoDB, Express, React.js and Node.js (MERN stack)
- Built an interactive User Interface with HTML5, CSS3, JavaScript and designed responsive web pages with React Bootstrap framework and Integrated external APIs such as Google Maps to provide enhanced user experience
- Adopted MongoDB for data storage, devised different schemas and data access services to communicate with MongoDB