

SAI SRUJAN PENTA

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EDUCATION

Northeastern University (NEU), Boston, MA

Expected Dec 2023

Master of Science in Information Systems

Coursework: Web Design and User Experience Engineering, User Experience Design, Application Engineering and Development

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
- Implemented React HTTP Client interceptors, boosting security by automatically adding JWT tokens to 95% of outgoing UI requests
- Collaborated with Kafka Admin team to establish QA and Production Kafka clusters, improving data processing efficiency by 40% through optimized message handling
- 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

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
- Created RESTful APIs with Express.js on Node.js, streamlining data retrieval and enabling code reuse, reducing development time by 30%
- Developed and maintained multiple responsive web applications using React, incorporating Material-UI for interactive user interfaces, resulting in a 20% increase in user engagement
- 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

Software Engineer Intern, IWIS Soft Solutions, India

May 2019 - Feb 2020

- Developed a Full stack web-application to track registration process where students can search, register and track their status for a cultural fest using consumed REST API's built on Hibernate and Spring
- Multiple user roles can perform CRUD operations to a dynamic database based on assigned access levels
- Used Spring security for authentication, Data JPA to maintain data, and implemented an excel parsing with Apache POI

TECHNICAL SKILLS

- Web Technologies: React.js, Angular, Express JS, Node.js, Three.js, TypeScript, Spring Boot, SASS, Bootstrap
- Programming Languages: Python, Java, JavaScript, HTML, CSS, Web Services
- Tools and Frameworks: Visual Studio Code, Moqups, Balsamiq, Figma, GitHub, MySQL, Bootstrap, jQuery, NodeJS, Linux
- Databases: Mongo DB, SQL, PostgreSQL, DBMS, RDBMS

RELATED PROJECTS

RhythmHub – Music Application [React.js, Tailwind, Redux, RESTful API]

Apr 2023 - Jun 2023

- Developed a feature-rich Spotify clone with React.js, MERN stack, and Tailwind CSS. Implemented user authentication, playlist management, and seamless music streaming
- Utilized Redux for advanced state management, enhancing user interactions, recommendations, and collaborative playlist functionality
- Optimized performance, integrated APIs, and deployed project for a wide-reaching, responsive music streaming experience

GrowthSpur – Enterprise Domain Mobile Application [Figma, Moqups, UX Design]

Feb 2023 - Apr 2023

- Conducted user research, usability testing and card sorting techniques to gather feedback and insights, contributing to design system and maintained design documentation, while the wireframes, user flows and functionality were developed using Figma

Professional Portfolio Website [HTML, CSS, React.js]

Feb 2023 - Mar 2023

- Conceptualized and developed a dynamic portfolio website featuring captivating scrolling animations
- Utilized React.js, a modular approach was embraced, constructing distinct components for each site section. This modular framework streamlined updates, improved maintenance, and ensured a current and pertinent portfolio
- Implemented responsive design techniques, ensuring seamless display across various devices for a broader audience reach

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