

SAI SRUJAN PENTA

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Education

Northeastern University, Boston, MA

Expected December 2023

Master of Science in Information Systems

Relevant Courses: Web Design and User Experience Engineering, User Experience Design

Vellore Institute of Technology, Vellore, India

April 2019

Bachelor of Technology in Electronics and Communication Engineering

Relevant Courses: Problem Solving and Object-Oriented Programming, Python for Engineers, Statistics for Engineers.

Technical Skills

Languages: Python, SQL, Web Services

Web Technologies: HTML, CSS, SASS, JavaScript, Bootstrap, React.js, Express JS, Node.js, Three.js, TypeScript

Frameworks: Bootstrap, jQuery, NodeJS

Tools: Visual Studio Code, Moqups, Balsamiq, Figma, Git, MySQL, SAP Logon, Google Colab, Jupyter Notebook

Database: Mongo DB, SQL, DBMS, RDBMS

Professional Experience

Senior Software Engineer, Capgemini, India

April 2021 – December 2021

- Performed mandatory system configurations, managing and customizing system settings to optimize its performance
- Configured system monitoring tools to track and measure key performance indicators, resulting in increased system efficiency and troubleshooting capabilities
- Implemented Monitoring dashboards on Fiori Launchpad and helped identifying and troubleshooting issues quickly, making data-driven decisions, and monitoring performance of business processes
- Coordinated with IT, business, program management teams in deploying project specific solutions

Software Engineer, Capgemini, India

March 2020 – March 2021

- Conducted regular system monitoring procedures, generated detailed reports, and provided to concerned teams to ensure optimal system performance
- Configured transport management system between landscapes and transported requests from development to quality and then to production
- Established and verified Remote Function Call (RFC) connections between systems to facilitate communication and data exchange

Related Projects

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

February 2023 - March 2023

- Developed a portfolio website using React, HTML, and CSS
- Incorporated scrolling animations and individual React components for each section of the website
- Ensured optimal website display on multiple devices and screen sizes through implementation of responsive design techniques

Enterprise Domain Website [Figma, Moqups]

February 2023 - March 2023

- Created wireframes using Figma and Moqups that effectively communicate design concepts, user flows, and functionality using Figma and Moqups while adhering to brand guidelines and design standards.
- Collaborated with cross-functional teams, including stakeholders and developers, to deliver high-quality designs that meet business objectives and user needs.

Mobile Banking Application Clone [Moqups]

January 2023 - February 2023

- Developed a clone of the banking application wireframes as part of User Experience engineering using the Moqups tool
- Utilized the Moqups tool to create wireframes, prototypes, and interactive design elements
- Implemented interactive features in Moqups to elevate user experience, showcasing proficiency in utilizing design and collaboration tools

MERN Stack Website [React.js, HTML, CSS, MongoDB]

October 2022 - December 2022

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