

SAI SRUJAN PENTA

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EDUCATION

Northeastern University, Boston, MA

Expected May 2024

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.

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

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Capgemini, India

Apr 2021 - Dec 2021

- Optimized system performance by deploying monitoring dashboards and configuring performance tracking tools, resulting in up to 25% reduction in issue resolution time and a 30% increase in system efficiency
- Streamlined issue resolution and decision-making by deploying Monitoring dashboards on Fiori Launchpad, resulting in up to 50% reduction in issue identification and troubleshooting time
- Trained and empowered a functional team on SAP Solution Manager, resulting in increased proficiency and improved utilization of the platform

Software Engineer, Capgemini, India

Mar 2020 - Mar 2021

- Proactively monitored system performance, produced comprehensive reports, and shared them with relevant teams, resulting in a 20% improvement in system uptime and a 15% reduction in critical incidents
- Configured transport management system between landscapes and transported requests from development to quality and then to production

RELATED PROJECTS

[Professional Portfolio Website](#) [HTML, CSS, React.js]

Feb 2023 - Mar 2023

- 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

[GrowthSpur - Enterprise Domain Mobile Application](#) [Figma, Moqups]

Feb 2023 - Mar 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
- Conducted user research, usability testing and card sorting techniques to gather feedback and insights, contributing to the design system and maintained design documentation

[Zolve - Mobile Banking Application](#) [Moqups]

Jan 2023 - Feb 2023

- Developed a clone of the banking application wireframes as part of User Experience engineering using the Moqups tool
- Implemented interactive features in Moqups to elevate user experience, showcasing proficiency in utilizing 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)
- 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