

SAI SRUJAN PENTA

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EDUCATION

Northeastern University

January 2022 - December 2023

Master's, Information Systems

- Web Design and User Experience Engineering, User Experience Design, Agile Software Development

Vellore Institute of Technology

June 2015 - April 2019

Bachelor's, Mechanical Engineering

- Problem Solving and Object-Oriented Programming, Python for Engineers

PROFESSIONAL EXPERIENCE

Capgemini

Mumbai, Maharashtra, India

Senior Software Engineer

April 2021 - December 2021

- Optimized web application performance by deploying React.js for monitoring dashboards, achieving a 25% reduction in issue resolution time, streamlining user experience and system efficiency
- Led the development and integration of performance tracking tools on Fiori Launchpad, achieving a 50% quicker issue identification, thereby enhancing decision-making processes and system responsiveness.
- Facilitated team development by conducting hands-on training sessions on UI/UX design principles and web technologies (including JavaScript, HTML, and CSS), boosting team proficiency and productivity in front-end development projects

Capgemini

Mumbai, Maharashtra, India

Software Engineer

March 2020 - March 2021

- Enhanced system uptime and achieved a 15% reduction in critical incidents by proactively monitoring and managing system performance, utilizing React.js and Node.js to generate actionable insights for continuous improvement
- Streamlined the development lifecycle by leading the configuration of a transport management system, ensuring efficient transitions from development through production environments and fostering seamless project flows
- Fostered effective collaboration across teams, clients, and stakeholders, leveraging JavaScript, HTML, and CSS in conjunction with Agile methodologies to facilitate clear communication and achieve positive project outcomes

SKILLS

Web Technologies: React.js, Next.js, Node.js, Express.js, TypeScript, SASS, Tailwind CSS, Redux, REST APIs, HTTP, Web API, AngularJS

Programming Languages: Python, Java, JavaScript, HTML, CSS, Web Services

Tools and Frameworks: Visual Studio Code, Moqups, Figma, Git, Linux/Unix, Mockups, UI/UX Design, Wireframe, Canva, Power BI

Databases: MongoDB, SQL, RDBMS, DBMS, Data Analytics

Soft Skills: Leadership, Collaboration, Adaptability, Agile, Focused, Innovation, Accountability, Problem Solving, Writing, Creative

PROJECTS & OUTSIDE EXPERIENCE

MERN Full Stack Project: Blog App [JWT, Redux Toolkit, CMS, Web Security]

Boston, MA, USA

October 2023 - November 2023

- Designed and developed a feature-rich blog application with an intuitive dashboard using the MERN stack (MongoDB, Express.js, React.js, and Node.js)
- Implemented secure user authentication using JSON Web Tokens (JWT) to ensure a robust and protected user experience.
- Seamlessly integrated Google OAuth for a streamlined and user-friendly login process, enhancing the overall authentication mechanism.

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

Boston, MA, USA

April 2023 - June 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

Professional Portfolio Website [CI/CD, Front-end, Backend]

Boston, MA, USA

February 2023 - March 2023

- 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 for seamless display across various devices, expanding audience reach, while employing continuous integration and continuous delivery to maintain updated content and streamline deployment via a build tool

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

Boston, MA, USA

October 2022 - December 2022

- Analyzed business requirement to translate functional requirements into technical and developed web application using 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