

# SAI SRUJAN PENTA

Boston, MA | [penta.s@northeastern.edu](mailto:penta.s@northeastern.edu) | (612)-450-3469 | [linkedin/saisrujanpenta](https://www.linkedin.com/in/saisrujanpenta) | [www.saisrujanpenta.com](http://www.saisrujanpenta.com)

## EDUCATION

### Northeastern University, Boston, MA

Dec 2023

Master of Science in Information Systems

Coursework: Web Design and User Experience Engineering, Concepts of Object-Oriented Design, Application Engineering & Development

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer, Capgemini, India

Apr 2021 - Dec 2021

- Spearheaded initiatives to boost system performance by implementing cutting-edge monitoring dashboards and fine-tuning performance tracking tools, resulting in a remarkable 25% reduction in issue resolution time
- Pioneered implementation of streamlined processes for problem resolution and decision-making by introducing monitoring dashboards on Fiori Launchpad, leading to an impressive 50% reduction in issue identification
- Played a pivotal role in training and empowering a functional team on platform utilization, significantly enhancing team proficiency and overall productivity

### Software Engineer, Capgemini, India

Mar 2020 - Mar 2021

- Proactively monitored and managed system performance, generating insightful reports for relevant teams, contributing to a substantial improvement in system uptime and a 15% reduction in critical incidents
- Led configuration of a transport management system between landscapes, ensuring seamless transport of requests from development to quality and production environments, streamlining development lifecycle
- 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: React.js, Node.js, Express JS, Three.js, TypeScript, SASS, Bootstrap, Tailwind CSS
- Programming Languages: Python, Java, JavaScript, HTML, CSS, Web Services
- Tools and Frameworks: Visual Studio Code, Moqups, Balsamiq, Figma, GitHub, MySQL, Bootstrap, jQuery, Linux
- Databases: Mongo DB, SQL, 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

### 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