

## SAI TEJA NADAKUDITI

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### EDUCATION

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#### UNIVERSITY OF CENTRAL MISSOURI

Master of Science

Major in Computer Science

Cumulative GPA: 3.66/4.0

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; NoSQL Database; Adv Java

Lee's Summit, MO

Expected May 2023

#### JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

Bachelor of Technology

Major in Computer Science

GPA: 3.39/4

Kakinada, AP

Jun 2015 - May 2019

### WORK EXPERIENCE

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#### INFOSYS LTD

Systems Engineer

Bangalore, KA

Jan 2020 – Dec 2021

- Worked with **Figma** to design and prototype user interfaces for web applications.
- Developed user-friendly forms and input components like drop-down menus, search bars, carousel using **React** and **Material-UI** library with validation and error handling.
- Used **HTML**, **CSS**, **JavaScript** and **Bootstrap** to build a single page web that communicates with the back-end via **RESTful API**.
- Used **Promises** in **React** applications to handle asynchronous operations, such as API calls and user interactions.
- Used **Redux** to manage form state and facilitate data flow between multiple components.
- Worked with **MongoDB** and **Mongoose ORM** to store and retrieve form data, and used **Express.js** middleware to handle server-side form processing and validation.
- Extensive use of **Node** environment using **NPM** and **MongoDB** to perform **CRUD** operations.
- Worked with libraries like **Axios** to make **API calls** to the back-end via RESTful API.
- API testing is done with the help of **Postman**.
- Used **React Router** to manage the client-side routing, including creating routes, and using nested routes.
- The libraries **Node.js**, **Express.js**, **Mongoose**, and database **MongoDB**, the complete **MERN stack** to provide Single Page Application and RESTful API microservices.
- Used **Jest** to write test cases that cover a wide range of scenarios, including edge cases, error handling and user interactions, to ensure high code quality and reliability.
- Used **GIT** as a version control software.

### PROJECTS

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#### SAMPLE MFLIX

[github.com/isaitejan/Mflix\\_backend](https://github.com/isaitejan/Mflix_backend), [github.com/isaitejan/Mflix\\_frontend](https://github.com/isaitejan/Mflix_frontend)

- Developed a dynamic web application which displays the movies that are stored in database as tiles using MERN stack
- State Management in this application is done using Redux

#### TIC-TAC-TOE

[isaitejan.github.io/Tic-Tac-Toe/](https://isaitejan.github.io/Tic-Tac-Toe/)

- Developed a static tic-tac-toe game application using MERN stack and deployed using GitHub Pages.

#### AUTHENTICATION APP

- Developed a authentication app using MERN stack which performs CRUD operations on the database

### ADDITIONAL

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**Technical Skills:** HTML/CSS, Javascript, Data Structures & Algorithms, Java, Spring Boot, log4j, Spring JPA, Microservices, React.js, Express.js, Node.js, MongoDB, SQL, Python, Shell Scripting

**Languages:** English, Telugu

**Certifications & Training:** Infosys Certified Front End Web Developer, Infosys Certified NodeJS Professional, Java: Lambdas and Streams (Linkedin Learning), Learning Spring with Spring Boot (Linkedin Learning)