Nadakuditi Sai Teja

Denver, CO | 913.326.5307 | saitejanadakuditi1997@gmail.com

EDUCATION

UNIVERSITY OF CENTRAL MISSOURI
MS in Computer Science
May 2023 | Lees Summit, MO
GPA: 3.70 / 4.0

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
B.Tech in Computer Science
May 2019 | India
GPA: 3.39 / 4.0

LINKS

Github:// **isaitejan**
LinkedIn:// **saitejanadakuditi**
Portfolio:// **SaiTejaNadakuditiPortfolio**

COURSEWORK

GRADUATE
Advanced Algorithms
Advanced Software Engineering
Advanced Operating Systems
Advanced Database Systems
Compiler Design & Construction
Adv Application Programming in Java
Software Testing & Quality Assurance
Machine Learning

UNDERGRADUATE
Problem Solving Using C
Object Oriented Programming
Advanced Data Structures
Database Management Systems
Operating Systems
Computer Networks
Scripting Languages
Cloud Computing

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Python • JavaScript
React.js • Express.js • MongoDB • LaTeX
FastAPI •
Over 1000 lines:
C • C# • CSS • PHP • Oracle SQL
Familiar:
MySQL • Shell Scripting • React Native
Blazor • Docker • Jenkins

EXPERIENCE

COLORADO COMMUNITY COLLEGE SYSTEM
Senior Full Stack Developer
Jul 2023 - Present | Denver, CO

- Actively engineered reusable **React** components with the help of **Material UI**, including cards, modals, and forms.
- Developed UI for desktop and mobile screens using **media queries** for optimal display across devices.
- Improved **rendering performance by 50%** using memoization and React Virtualized, guaranteeing smoother user experiences with large datatables.
- Utilized **Redux** and **Context API** for the efficient management of the application state.
- Contributed to the development of RESTful API using Python's FastAPI, seamlessly integrating it with Ellucian systems, and **reducing data retrieval times by 25%** while **enhancing system responsiveness by 30%**.
- Accelerated backend development **by implementing a JSON parser**, streamlining data processing, and **decreasing development time by 80%**.
- Independently led the **migration of minor projects** from Grails to React and FastAPI, **resulting in a 20% improvement in project efficiency**.
- Actively made code modifications to enhance functionality and performance in Grails projects.
- Implemented **Redis cache** for RESTful API, enhancing performance and scalability for seamless data retrieval and storage.
- Engineered a Python deploy script for Ellucian experience, automating deployment and **reducing manual effort by 30%**.
- Proficient in **Oracle SQL**, adept at writing queries and procedures for effective data manipulation and retrieval.
- Utilized **Jenkins** to automate deployment rebuilds, ensuring seamless and efficient updates to the system.
- Demonstrated expertise in utilizing **Insomnia** for API testing, development, and debugging tasks.
- Skilled in **Git** and **SVN** for efficient code management and team collaboration.

INFOSYS LIMITED
Systems Engineer
Jan 2020 – Dec 2021 | Bengaluru, INDIA

- Employed **Agile** with TDD for efficient product development, involving backlog refinement, sprint planning, daily scrums, and customer interactions.
- Developed user-friendly forms and input components in React with **Bootstrap**, **Material UI**, and robust validation, **reducing form submission errors by 25%**.
- Demonstrated expertise in Java **Spring Boot** RESTful services and **React Router** for client-side routing. Utilized **Axios** for backend API calls and conducted API testing with **Postman**, **improving reliability by 20%**.
- Implemented **Apache Kafka** for distributed messaging among REST APIs, **reducing message latency by 30% and boosting system scalability by 25%**.
- Developed API routes and services using **Express.js** to implement key functionalities, ensuring efficient and reliable server-side operations.
- Established efficient build and deployment pipelines utilizing **CI/CD** processes and tools such as **Git**, **Maven**, and **Jenkins**, **resulting in a 40% reduction in deployment time** and a **30% increase in overall development productivity**.