

Nadakuditi Sai Teja

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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, including cards, modals, and forms, optimizing them for performance and scalability.
- Improved **rendering performance by 50%** using memoization and React Virtualized, guaranteeing smoother user experiences with large datatables.
- Contributed to the development of a SQL-driven 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.
- Engineered a Python deploy script for Ellucian experience, automating deployment and **reducing manual effort by 30%**.
- Troubleshoot issues, resolved bugs, and actively employed advanced logging techniques, leveraging **Red Hat Insights** for comprehensive log analysis, **resulting in a 20% efficiency boost** in issue resolution.
- 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.

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%** and **enhancing user satisfaction by 20%**.
- 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%**.
- 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**.

PERSONALITY

- Results-driven problem solver with a keen eye for detail and a commitment to excellence.
- Skilled communicator proficient in fostering collaboration and achieving project success through clear and impactful communication.
- Committed to continuous growth and learning, thriving in dynamic environments and embracing new challenges.