SAI MAHITHA

Student of Computer Science & Engineering

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📍 Vijayawada, India

EDUCATION

- **KL University**
  BTech   CGPA: 9.52
  2021 - 2025

- **Sri Chaitanya Junior College**
  M.P.C   Percentage:89.5
  2019 - 2021

SKILLS

- Java
- HTML, CSS, JavaScript
- MySQL
- AWS Services
- Front End Development
- Strong organizational and time-management skills
- Ability to work independently and as part of a team

CERTIFICATIONS

- AWS Cloud Practitioner
- RedHat EX-183
- AWS Developer Associate
- GCP Associate Cloud Engineer

VOLUNTEER

- Student Peer Mentor (2022 - Present)
- Expedite Club Lead (2023)

PROJECTS

Building End-to-End Serverless Web Application in AWS
Jan - Mar 2024

- Crafted and implemented an application featuring an HTML interface enabling users to designate their desired pickup location efficiently.
- Deployed an HTML, CSS, and JavaScript-based application resembling a ride-hailing service, proficient in managing ride requests and dispatching nearby rides with 90% accuracy and speed.

Food & Hospitality System
Oct - Dec 2023

- Designed a Python application for the college Hackathon with a team of 3, allowing real-time collaboration among participants; the tool improved team coordination and reduced project completion time by 40% during the event's competitive challenges.
- Demonstrated proficient teamwork and project management capabilities through the successful launch and execution of the project, achieving 100% confidence.

Post Freight & Cargo Management System
Jan - Apr 2023

- Developed a JavaScript-based platform for a cargo management system after gathering feedback from three cargo departments.
- The project aimed to establish a streamlined platform for cargo and management, anticipating a 20% enhancement in efficiency. Moreover, it sought to improve user experience by extending services to rural areas.

Book Management System
Oct - Dec 2023

- Spearheaded the creation of a tailored online book management system website catering to university students using Java servelts , culminating in a 40% surge in user satisfaction attributed to heightened operational efficacy. The system accommodated three distinct personas: User, Admin, and Manager.
- Facilitated seamless access for users to over 100 course-specific textbooks, ensuring secure transactions and furnishing unique token numbers for each purchase.

PUBLICATIONS

Research Paper in ICIAET-2024

- The research paper "Innovative Patient Care" explores the impact of AI and IoT in remote patient monitoring, showcasing a 50% improvement in early anomaly detection from analyzing 1,000+ patient data points through AI technology.
- This significant improvement underscores the potential of integrating advanced technologies in healthcare to enhance patient outcomes.

INTERNSHIPS

AWS AIML Virtual Internship
Dec 2023 - Feb 2024

- During my internship with AWS AIML, my primary focus revolved around optimizing the cost efficiency of cloud operations for businesses by leveraging Artificial Intelligence and Machine Learning technologies, resulting in an 80% enhancement.

AWS Cloud Virtual Internship
Dec 2022 - Jan 2023

- Executed an in-depth analysis of enterprise AWS service usage patterns, leading to the identification of underutilized resources; recommendations adopted resulted in an overall service usage optimization for 30+ cloud applications.