

NANGINENI SAI MAHITHA

Student at KL University

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• <https://saimahitha4225.github.io/Portfolio/> • Vijayawada

EDUCATION

KL University (BTech)

Computer Science & Engineering | CGPA: **9.53** / 10

2021 - 2025

Sri Chaitanya Junior College (Intermediate)

MPC | Percentage: **89.5** / 100

2019 - 2021

SKILLS

Java, HTML, CSS, JavaScript, AWS Services, MySQL

CERTIFICATIONS

AWS Cloud Practitioner

RedHat EX-183

AWS Developer

Associate GCP Associate Cloud Engineer

PROJECTS

Building End-to-End Serverless Web Application

01/2024 - 03/2024

- 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.

Book Management System

10/2023 - 12/2023

- Spearheaded the creation of a tailored online book management system website catering to university students using Java servlets, 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.

Post Freight & Cargo Management System

01/2023 - 04/2023

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

INTERNSHIP

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.

PUBLICATIONS

Innovative Patient Care: The Transformative Role of Artificial Intelligence and IoT in Remote Patient Monitoring

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.

VOLUNTEERING

Student Peer Mentor

KL University

2022 - Present

- Guided junior students through advanced coursework and projects, offering personalized support to enhance their academic performance and technical skills.

Expedite Club Lead

KL University

2023

- Led a low-code development club utilizing ZOHIO platform to empower students in creating efficient, no-code business solutions and streamline project workflows.