

DAMINI BATHULA

I'm Damini, a Computer Science graduate from QIS Institute of Technology, Ongole, with a 65% score. Proficient in quick learning and smart work, my strength lies in adaptability to diverse situations. I've successfully implemented an AI-driven traffic control system in Python, optimizing signal durations based on real-time traffic density. Moreover, I've crafted a user-friendly blog application using ReactJS, NodeJS and MongoDB, providing seamless content management for users.

CONTACT

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Kandukur

SKILLS

Technical Languages: JAVA

Databases: MYSQL, Mongodb

Web-Designs: HTML, CSS, Javascript

Nodejs, Reactjs

PROJECTS

1 Month – Blog Application

TechStack – React, Node, Mongodb

The application allows users to upload, edit, update, and delete their blogs. Users can also upload a profile picture to personalize their accounts. However, only the creator of a blog has the authority to edit or delete it, ensuring ownership and privacy. Other users can view the content but cannot make changes to someone else's blogs or account. This feature promotes secure and user-centric functionality.

6 Months – Control Traffic Light in A Smart Way By Artificial Intelligence

TechStack – Python, HTML

The system uses signal management based on four lanes by capturing snapshots every 5 seconds, treating each vehicle as one frame. It calculates the vehicle density on each lane and compares them in real-time. The lane with the highest density is automatically given the green signal, optimizing traffic flow efficiently.

CERTIFICATES

Java Full Stack Developer by TalentSprint.

STRENGTHS

Ability to work under pressure

EDUCATION

2023(B.Tech, Computer Science Engineering)

QIS INSTITUTE OF TECHNOLOGY, Prakasam district, Ongole

Percentage: 64.67%

2019(AndhraPradesh Board of Intermediate Education)

SRI CHAITANYA JUNIOR COLLEGE

Percentage: 85.50%

2017(SSC)

SRI CHAITANYA TECHNO SCHOOL

Percentage: 83.60%

HOBBIES

Learning New Technologies