MODALAVALASA SAI KUMAR

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SUMMARY

Passionate and detail-focused aspiring Front-End Developer with a strong foundation in building responsive, user-friendly web interfaces. Skilled in transforming design concepts into interactive digital experiences, with a clear understanding of modern web development principles. Fast learner with strong problem-solving abilities, eager to contribute to creative projects and grow in a collaborative development environment.

EDUCATION

B.tech AI & Data Science --CGPA-- 9.30   2023 – 2027
Srkr Engineering College   Bhimavaram, India

Higher Secondary (XI-XII) -- 98.2%   2021 – 2023
Sri Chaitanya Jr College   SRIKAKULAM, India

Secondary Education --100%   2020 – 2021
Keshava Reddy School   SRIKAKULAM, India

PROJECTS

Recipe Sharing Platform (Hackathon winning project)

-Developed a web application that enables users to search for recipes based on ingredients and cuisine preferences.
 -Implemented user profile management and recipe creation functionality.
-Integrated ingredient-based search, step-by-step cooking instructions, and region-based recipe categorization.
-**Technologies:** React, Express.js, MongoDB, Node.js, BootStrap

Sentiment Analysis Web Application

-Developed a web application that performs sentiment analysis
on user reviews using machine learning models.
-Implemented data preprocessing techniques to prepare textual data for analysis.
-Designed a responsive frontend interface allowing users to input reviews and view sentiment results in real-time.
-**Technologies:** Flask, Machine Learning (Naive Bayes, Logistic Regression), HTML/CSS, Bootstrap.

CERTIFICATIONS

- DevOps 3-day Flowthon + 24hr Hackathon (February 2025) merit and participation certificate.
- Python Programming Certification and Network Addressing and basic Troubleshooting by Cisco Networking Academy.
- Introduction to Artificial Intelligence and Deep Learning by Infosys Springboard.

SKILLS

TECHNICAL SKILLS
Frontend Development: HTML5, CSS3, JavaScript(ES6+), React.js
Backend Development: Python, Java.
Database: Oracle.
DataScience: -python (libraries-pandas,NumPy and machine learning).

AWARDS

-DevOps Hackathon
 3rd place - DevOps 3-day Flowthon + 24hr Hackathon (February 2025) - Recipe Sharing Platform.