KAKKUNURI SOWMYA

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EDUCATION

Keshav Memorial Institute of Technology	*2021 - Present*
Computer Science Engineering (AIML)	CGPA - 8.5
Sri Chaitanya Junior College	*2019 - 2021*
MPC	Percentage - 96.8
Kakatiya High School	*2019*
SSC	CGPA - 10.0

CARRIER OBJECTIVE

Enthusiastic Computer Science Engineering student eager to learn and grow within a dynamic organi- zation. Excited to apply problem-solving and analytical skills to contribute to innovative projects.

PROJECTS

Email Alert and Automation Web Application
A web application that integrates secure Gmail access using OAuth 2.0 to generate smart email replies, summarize email content, and extract deadlines, with real-time SMS alerts.
- Automated email responses, summaries, and deadline extraction using LangChain and Groq API with LLMs.
- Enabled real-time SMS notifications via Twilio and AWS EC2 instance automation.
- Developed a Python backend with a responsive interface and customizable templates.

Potato Disease Classifier Web Application
Developed a TensorFlow-based CNN model to classify potato diseases as late blight, early blight, or healthy, with efficient data processing and a responsive React frontend for user interaction.
- Developed the classifier using TensorFlow with efficient data processing via tf.data.Dataset.
- Trained and deployed CNNs with TensorFlow Serving for real-time predictions.

Mern Stack Real-Time Chat App
- Implemented user authentication with JWT, message routing, and data storage using MongoDB for secure and efficient user management.
- Developed a responsive and intuitive UI with React, enhancing user experience.
- Integrated real-time communication using WebSockets, ensuring instant message delivery.

TECHNICAL SKILLS

Programming : Java, C, C++, Python, Data Structures and Algorithms
WebDevelopment: JavaScript, Node.js, Express.js, React.js
AIML :Machine Learning, Deep Learning, Transformers, Natural Language Processing
Database: SQL, MongoDB
Version Control: Git, GitHub

EXTRA-CIRRUCULAR

Participated in hackathons, working alongside teams to solve problems and explore new ideas.
Kreeda(Sports Club): Active member, participated in numerous inter-college tournaments, including winning two volleyball tournaments.
Street Cause (NGO): Active contributor, organizing projects and mobilizing volunteers to support the community.