

Santhoshini Amberkar

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EDUCATION

Mohan Babu University, AP

Bachelor of Technology, Computer Science and Engineering(AIML)

CGPA - 9.42

oct. 2022 – sep 2026

SriChaitanya Junior College, AP

Intermediate

Percentage - 96

June. 2020 – May 2022

Onerio High School, AP

Secondary Education

Percentage - 99

June. 2019 – March 2020

TECHNICAL SKILLS

Languages: CORE JAVA, PYTHON, C

Databases: SQL(MySql), MongoDB

Technologies: Html,Css, Javascript,Php , React

Other: Cloud Computing, Problem solving skills, DSA

EXPERIENCE

NULL CLASS

jan-2025 – present

Web Development Intern

- * Contributing to front-end and back-end web development projects using modern technologies.
- * Collaborating with the team to build responsive, user-friendly web applications
- * Gaining hands-on experience in full-stack development and project deployment.

PROJECTS

SMART AGRICULTURE

jul-2023 – oct-2024

USING MACHINE LEARNING

- * Uses machine learning to analyze soil, weather, and historical data, suggesting crops for better yields.
- * Helps optimize crop choices to reduce resource wastage, ensuring eco-friendly and profitable farming practices.
- * Users can input field-specific data on the platform, which processes it to provide accurate and tailored crop recommendations.

DRIVER DROWSINESS DETECTION

jul. 2024 – sep-2024

DEEP LEARNING

- * Utilized deep learning models to analyze eye movements, such as blinking and eye closure, for detecting driver fatigue.
- * Implemented an alert system to warn drivers of drowsiness, reducing the risk of road accidents.
- * Focused on creating a reliable and efficient system to improve driver awareness and overall road safety.

WORKOUT PAGE

Aug 2024 – Nov 2024

WEB TECHNOLOGIES

- * Built a fitness-focused website using HTML, CSS, and JavaScript, ensuring seamless functionality across devices with frameworks like Bootstrap
- * Provided features to track fitness routines and access workout resources, enhancing user engagement.
- * Implemented backend technologies to manage user data and ensure a smooth, data-driven experience.
- * Focused on creating an intuitive interface for easy navigation and accessibility, catering to fitness enthusiasts.

ACHIEVEMENTS

- * Participated in a 3-day SASTRA AI Hackathon on "AI for Management and Business," proposing an AI Business Insight Hub.
Developed a platform leveraging predictive analytics and AI to enable data-driven decision-making for businesses.
- * Completed 50+ coding problems on LeetCode across various difficulty levels.
Enhanced proficiency in data structures, algorithms, and problem-solving techniques.
Consistently practiced to strengthen coding logic and improve time-space efficiency.