

Santhoshini Amberkar

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EDUCATION

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| Mohan Babu University <i>Bachelor of Computer Science and Technology, Artificial Intelligence and Machine Learning</i> | Tirupathi, AP <i>Oct. 2022 – present</i> |
| Sri Chaitanya Junior College <i>Higher Secondary</i> | Vijaywaada, AP <i>Jul. 2020 – Mar 2022</i> |
| Onerio High School <i>Secondary School</i> | Dhone, AP <i>Jul. 2019 – Mar 2020</i> |

PROJECTS

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| SMART AGRICULTURE <i>USING MACHINE LEARNING</i> | Jul-2023 – Oct-2024 |
| <ul style="list-style-type: none">• 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 <i>DEEP LEARNING</i> | Jul. 2024 – Sep-2024 |
| <ul style="list-style-type: none">• 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 <i>WEB TECHNOLOGIES</i> | Aug 2024 – Nov 2024 |
| <ul style="list-style-type: none">• 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. | |

PERSONAL TRAITS

- Adaptability – Willingness to adjust to new situations and learn from experiences.
- Empathy – Understanding and considering others' feelings and perspectives, which is valuable in team settings.
- Time Management – Ability to prioritize tasks and meet deadlines effectively.

TECHNICAL SKILLS

Languages: CORE JAVA, PYTHON, C
Databases: SQL(MySql), MongoDB
Technologies: Html,Css, Javascript,Php , React
Other: Cloud Computing, Problem solving skills, DSA

INTERESTS

Learning Languages
Travel and Exploration
Participating in Hackathons