

SRAVANI TANGALLAPALLY

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CAREER OBJECTIVE

As an graduate in Computer Science and Engineering, specializing in AI and ML, I am passionate about technology and enjoy solving challenges while continuously learning. I have experience with Python, AI, ML, and Frontend development. I excel in both teamwork and independent projects. With strong communication and leadership abilities, I aim to create innovative solutions and contribute to technological advancements. Excited to connect and grow in the field.

EDUCATION

SPHOORTHY ENGINEERING COLLEGE <i>Bachelors of Technology in Computer Science-AIML-7.20</i>	Hyderabad, TG 2021-2025
SRI GAYATRI JUNIOR COLLEGE <i>Board of Intermediate Education - MPC-8.3</i>	Hyderabad, TG 2019-2021
SHARADA VIDYALAYA HIGH SCHOOL <i>Secondary School Certificate —9.5</i>	Hyderabad, TG 2018-2019

PUBLICATION

Lead Author - “Early Detection of Alzheimer’s Disease using Deep Learning”, published in the International Research Journal of Advanced Engineering Hub (IRJAEH). DOI: <https://doi.org/10.47392/IRJAEH.2025.0319>

SKILLS

Programming Languages: Python Programming, MERN Stack
Database and Data Storage: My SQL, MongoDB
IDEs: Visual Studio, Jupyter
Frontend: HTML, CSS, Bootstrap
Soft Skills: Communication, Collaboration, Adaptability, Spearheaded

PROJECTS

- **Early Detection of Alzheimer’s Disease Using Deep Learning:** Designed and implemented a web-based Alzheimer’s diagnosis system using a lightweight Convolutional Neural Network (CNN) model trained on MRI data, achieving 88.5% accuracy and integrated with Streamlit for real-time prediction and report generation.
- **Smart Crop Selector Using ML** – Developed a machine learning-powered crop recommendation system with a React-based frontend, achieving accuracy in predicting optimal crops based on soil composition and location-specific data, enhancing agricultural efficiency and yield optimization.

EXPERIENCE

- The **Summer of AI Internship Program at Swecha-IIITH:** a virtual internship with a 5-day workshop at IIIT Hyderabad, focusing on AI-driven solutions for cultural and language preservation through hands-on model development and innovation.
- **EY GDS & AICTE-Next Gen Employability Program-**Successfully completed a 6-week industry-focused internship on modern web application development using the MERN stack. Gained hands-on experience in full-stack development, REST APIs, responsive UI design, and deploying scalable applications with version control and collaborative practices.

CERTIFICATIONS

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| • Certificate of Participation | - Summer of AI, Swecha, IIITH |
| • Certificate of Participation | - MERN Intern-EYxEdunetFoundation |
| • Introduction to Natural Language Processing | - Great Learning |
| • Developer Job Simulation | - Accenture |
| • SQL -Basic, Intermediate | - HackerRank |
| • Java foundations | - Oracle Academy |

CO-CURRICULAR ACTIVITIES

- Served as the elected President of SHE INSPIRES, a college club dedicated to empowering and advancing women through personal and professional development initiatives.
- Engaged in a workshop on 'Deep Dive into CNNs and NLP' and developed a tiger detection chatbot utilizing APIs and Telegram’s Bot father, applying CNN and NLP methodologies.
- Actively volunteering KANHA Shanthi Vanam(heartfulness)