

A Sravanthi

Roll No.: 22881A6667

Github: <https://github.com/Sravanthi>

+91-9059474009

andra.sravanthi@gmail.com

linkedin.com/in/sravanthiandra

CAREER OBJECTIVE

Motivated and enthusiastic computer science student seeking opportunities to apply technical skills and academic knowledge. Proficient in Python, C, Java, with practical experience in developing ML models. Proactive learner with a strong problem-solving mindset and a passion for technology and innovation.

EDUCATION

- Bachelor of Technology in Computer Science and Engineering(AI&ML), JNTUH. 2022-26
Vardhaman College of Engineering, Shamshabad CGPA: 9.01
- Intermediate in MPC, Board of Intermediate Education, Andhra Pradesh (BIEAP). 2020-22
Narayana Junior College, Anantapur CGPA or Percentage: 77.8
- Tenth Class, Board of Secondary Education of Andhra Pradesh (BSEAP). 2020
Narayana EM High School, Anatapur CGPA or Percentage: 10

ACADEMIC PROJECTS

- EfficientNet DWT driven intelligent skin lesion classification August - December 2024
Classifying the skin lesion as cancerous or non-cancerous
 - EfficientNet B3 a DL model has been trained on HAM10000 dataset, DWT and data agumentation techniques were applied to achieve 89% of accuracy.
 - Technology Used: EfficientNet (DL), Python, DWT, Keras.
- RNA Structure Prediction March - May 2024
Predicting RNA structure using LLM and NLP techniques.
 - Used pre trained LLM model for prediction and NLP techniques like tokenization for data preprocessing. Conducted data preprocessing, tokenization and training with custom training arguments.
 - Technology Used: Hugging Face's transformers (LLM), PyTorch.
- Face Emotion Recognition March - May 2023
Built and trained a CNN model that detect and classify face emotions.
 - Role: Developed a face emotion recognition system using computer vision and machine learning techniques.
 - Project utilized deep learning techniques like CNN and trained over 28,000 images for training and over 7,000 images for testing.
 - System capable of classifying gray scale images into 6 distinct categories.
 - Technology Used: Python, OpenCV, Keras, TensorFlow, Pandas, sci-kit learn, NumPy.

INTERNSHIP

- Artificial Intelligence Feb - Apr 2025
Codetech IT Solutions Online
 - Assisted in data preprocessing and annotation for machine learning models using Python and relevant libraries (e.g., NumPy, Pandas).
 - Implemented and fine-tuned basic ML algorithms for classification or prediction tasks under the guidance of senior developers.
 - Evaluated model performance using metrics such as accuracy, precision, recall, and confusion matrix.
 - Collaborated with the AI team to research and document use-cases, model improvements, and technical findings.
- Python Development May - July 2024
Next24tech Technology and Services Online
 - Designed a GUI-based user registration form using Tkinter in Python, capturing input fields like name, email, and age to strengthen understanding of event-driven programming.
 - Developed an interactive chatbot in Python using basic NLP techniques and logic-based responses, enabling real-time user engagement.
 - Created a Python-based GUI application to extract and display song lyrics by integrating public APIs
 - Improved skills in GUI design and API handling. Developed user-friendly Python applications with real-world functionality.

KEY SKILLS

- Languages:** Python, C, Java, HTML+CSS
Libraries : Python Libraries (matplotlib, Numpy, Seaborn)
Databases: Relational Database(mySql), MongoDB
Cloud Tools:AWS, Microsoft Azure, Google Cloud
Relevent Coursework: Data Science, Data Structures Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Soft Skills: Problem Solving, Self-learning, Adaptability

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 Certified Foundations Associate** , September 2025.
- **AWS Academy Cloud Foundations**, March 2025.
- **Python for Data Science - NPTEL**, January 2025.
- **Advanced Python Tools** , July 2023.
- **Full Stack Software Development** , November 2024.

PUBLICATIONS

- Published research paper in IEEE 4th International Conference for Advancement in Technology (ICONAT), 2025.

AWARDS AND ACHEIVEMENTS

- Served as Student Coordinator for Festronix 2k24, successfully organizing events and managing a team of 20+ members.
- Rated 1459 in coding platform , LeetCode with ID sravanthi02.
- Achieved 3 badges in coding platform , Hackerrank with ID @andra_sravanthi.

EXTRACURRICULAR ACTIVITIES

- Active member of Communication Club, contributing to workshops and events to enhance communication and public speaking skills.
- Participant, Smart India Hackathon [III], developed innovative solutions to real-world challenges through teamwork and technical expertise.
- Active participant in sports like Basketball, Badminton.