

SRIJAYANTH POTLURI

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-EDUCATION:

-VNR Vignana Jyothi Institute of Engineering and Technology

2021– 2025

Bachelor of Technology - CSE(Artificial Intelligence and Machine Learning) - CGPA - 9 Hyderabad, India

-INTERNSHIPS:

-IFYK Revolutionize LLC 🗄 | Machine Learning Intern (May 2024-July 2024)

- Developed a conversational chatbot using the **RASA** framework and **NLP** techniques to provide users with comprehensive information about events, types of events, and performers at any particular place.

-KEY PROJECTS:

-QuickChat Messaging App 🗄 | ReactJS, MongoDB, ExpressJS, Socket.IO

- Designed a real-time messaging application featuring an intuitive user interface enabling concurrent chatting for over **1000** users simultaneously.
- Implemented **CRUD** operations and incorporated secure signup and login authentication functionalities reducing malicious attacks by **60-70%**, ensuring data integrity and user privacy for a base exceeding **100** users.
- <https://github.com/jayanthpotluri5513/QuickChat-Messaging-App>

-Imageinferno:Image-based Recommendation System 🗄 | OpenCV, TensorFlow, Keras

- Created a user-friendly fashion recommendation system by utilizing a pre-trained **ResNet50** model for efficient CNN processing, resulting in a **40%** increase in overall user experience.
- Optimized efficiency with the help of **Nearest Neighbors** algorithm resulting in recommendations that were **10-15%** more efficient.
- <https://github.com/jayanthpotluri5513/ImageInferno-AI-recommendation-system>

-SpendWise:Expense Tracking App 🗄 | ReactJS, JavaScript, CSS

- Developed a expense tracking application utilizing **react-router** and distinctive UI design, thus enabling users to efficiently monitor individual budget and track overall expenses resulting in **20-30%** financial awareness among users.
- Deployed the application utilizing local storage for data persistence, allowing users to access their expense records even when offline thus improving the accessibility by **50%**.
- <https://github.com/jayanthpotluri5513/SpendWise>

-TECHNICAL SKILLS:

Concepts/Fundamentals: OOPS, Data Structures (DSA), SQL, Computer Networks, DBMS

Languages: Python, Java, C, JavaScript, HTML, CSS, React.js, Express.js, Nodejs

Developer Tools: VS Code, Anaconda Navigator, IntelliJ Idea Ultimate, Jupyter Notebook, Pycharm

Technologies/Frameworks: GitHub, Scikit-learn, TensorFlow, Keras, MongoDB

-ACHIEVEMENTS:

- **NASA Space Apps Hackathon** - Attained a spot among the top **3** teams in the hackathon for developing a project centered around satellite technology.
- **Smart India Hackathon** - Secured a position among the top **10** teams present in the nationwide hackathon for a project related to computer vision techniques.
- **Completed 500+** coding challenges on LeetCode and over **200+** problems on GeeksforGeeks showcasing strong grasp of data structures and algorithms.
<https://leetcode.com/srijayanthpotluri/> <https://auth.geeksforgeeks.org/user/srijayanta05q/>

-CERTIFICATIONS:

- Complete Machine Learning and Data Science Bootcamp
- The complete 2024 Web Development Bootcamp
- Neural Networks and Deep Learning
- Google Data Analytics
- SQL Certification