

JUJJAVARAPU SUJAN CHOWDARY

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About me: As a highly motivated fourth-year Computer Science and Engineering student specializing in Artificial Intelligence, I bring a solid academic background and practical expertise in data science and machine learning. Committed to pushing the boundaries of AI, I am enthusiastic about applying my skills to address real-world challenges.

EDUCATION

Bachelor of Technology(B.Tech), Computer Science and Engineering Specialization in Artificial Intelligence,
Vellore Institute of Technology, CGPA: 8.50/10.00 **Sep 2020 — Mar 2024**
Intermediate(XII),MPC,
Sri Chaitanya junior college, CGPA: 8.50/10.00 **Feb 2018 — Mar 2020**

PROJECTS

Twitter Depression Analysis Using NLTK **Oct 2022 — Nov 2022**

- Applied natural language processing techniques to analyze depression on Twitter using NLTK, achieving an 89% accuracy in detecting depressive sentiment. Experienced in leveraging technology to gain insights into mental health trends and contribute to impactful data-driven solutions.

Instagram Account details on Brand or Individual **Sep 2023 — Oct 2023**

- Developed a project focusing on the classification of Instagram accounts into 'Individual' or 'Brand/Organization' categories. Utilized the Instaloader library for Instagram data retrieval, OpenCV for image processing, and Hugging Face's Transformers library for Named Entity Recognition (NER). Demonstrated proficiency in leveraging diverse technologies for effective analysis and classification of user profiles based on profile pictures and biographies.

Voice Assistant with OpenAI GPT-3.5 and Speech Recognition **Oct 2023 — Nov 2023**

- Developed a voice assistant project employing OpenAI's GPT-3.5 language model and speech recognition. Designed to listen to user input, generate responses using GPT-3.5, and articulate the responses. Implemented Speech Recognition and the sounddevice library for recording and transcribing user input. Facilitated chat interaction with the OpenAI GPT-3.5 model for contextual response generation. Incorporated pyttsx3 for converting the assistant's text responses into speech, showcasing proficiency in integrating various technologies for an interactive and responsive voice assistant.

AI Attorney **Aug 2023 — Present**

- Performed case analysis utilizing NLP techniques, contributing to a 15% improvement in successful case outcomes. Engineered a predictive analytics tool achieving a 90% success rate in accurately forecasting case outcomes, providing valuable insights for informed decision-making on behalf of clients."

SKILLS

Tech Skills Java, Python, SQL, Machine Learning, Natural Language Processing, MongoDB, Pandas, Classification, Tensorflow, Pytorch, Keras, SciKit Learn
Soft Skills Time Management, Critical Thinking, Organizational Skills, Presentation Skills, Teamwork and Collaboration, Problem Solving, Attention to Detail, Leadership, Communication skill

VOLUNTEER AND LEAD EXPERIENCE

Co-Lead, Computer Society of India **Oct 2020 — Sep 2021**

- Fostering intercollegiate connections and collaboration to expand the organization's reach and impact.

ACHIEVEMENTS & CERTIFICATES

MERIT CERTIFICATION IN CLINICAL ENGINEERING(ECS) - VELLORE INSTITUTE OF TECHNOLOGY **Jun 2023**

- voice-command and hand gesture controlled wheelchair prototype, recognized as a top 10 project in VIT-AP University.

CERTIFICATION OF MERIT - SmartInternz **Oct 2023**

- developed the project entitled "Hotel Management System" under the supervision of mentor and secured 30 out of 30 marks in the Grand Assessment .

Fundamentals of digital marketing - Google **July 2023**

Oracle Cloud Infrastructure 2023 Foundations Associate **July 2023**