

Kareti Venkata Vinay Kumar

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SUMMARY

Dedicated B-Tech student in Computer Science at Vishnu Institute of Technology, with a passion for leveraging machine learning and NLP to tackle real-world challenges. Excels in software development engineering, adept at crafting innovative solutions with a strong foundation in theoretical knowledge and practical application. Eager to contribute expertise and drive impactful projects in a dynamic team environment.

EDUCATION

2021 - 2025	B-Tech in Computer Science and Engineering at Vishnu Institute of Technology	(GPA: 9.3/10.0)
2021	Class 12th (MPC) at Sri Viveka Junior College	(96.7 perc)
2019	Class 10th at Ongole Oxford EM School	(9.8/10.0)

WORK EXPERIENCE

Machine Learning Intern April 2023 - Oct 2023

Led a 6-month internship at Enlignce Technologies, actively working on real-time projects utilizing Large Language Models (LLMs) and specializing in speech recognition development. Enhanced skills in predictive modeling and algorithm advancement within the machine learning domain.

PROJECTS

E-Commence(Campus Cart) [Link to Demo](#)

Designed and implemented a full-stack e-commerce website leveraging Node.js and Firebase technologies, ensuring seamless functionality and user experience.

Automated Interview Answering Grading System

Contributed to the development of an Automated Interview Answer Grading System during an internship at Enlignce Technologies, employing Large Language Models (LLMs) and fine-tuning the LLama2 model, enhancing evaluation accuracy and efficiency.

Speech Recognition

Designed and implemented a speaker identification system during my internship at Enlignce Technologies, utilizing D-vector embeddings for accurate speaker recognition.

Andriod App - for dowloading youtube videos

Developed and published an Android mobile application using the Python Kivy framework and Buildozer. The app allows users to download high-quality YouTube videos and was successfully released on the Indus app store.

PUBLICATIONS

Published paper : Published paper titled "Sentiment Analysis of Twitter Data on 'The Agnipath Yojana'" by Springer at the MIWAI conference. Conducted analysis of sentiment patterns in Twitter data related to the 'Agnipath Yojana', offering valuable insights into public perception.

SKILLS

Technical Skills : Python,C,Java,HTML/CSS,Data Structures,NodeJS,Machine Learning,NLP.

Soft Skills : Leadership,Creativity,Analytical Thinking,Colloration,Time Mangement.

ACHIEVEMENTS

- 2024: Developed and published an Android app for downloading high-quality YouTube videos, and released the app on the Indus app store.
- 2023:
 - Awarded Best Project for outstanding development and functionality for my capstone project, an e-commerce website.
 - Published a paper in Springer Publications and attended the MIWAI International Conference.
 - Our paper received special recognition at the MIWAI International Conference.
- 2022: Got first place in the Sentithon hackathon.