

Vasa Naga Karthik

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Objective

To obtain a challenging entry-level position in an organization that fosters innovation and provides ample scope to leverage my skills, education, and passion to contribute to the company's growth and success.

Education

Swarnandhra College of Engineering and Technology, Seetharampuram

Artificial Intelligence and Machine Learning

2021 - 2025

CGPA: 8.3/10

Sri Chaitanya Junior College, Palakollu

Higher Secondary

2019 - 2021

CGPA: 826/1000

Technical Skills

Skills : Python , SQL , Java , C

Technologies: Machine Learning ,Data Analysis

Certifications

- Practical course in **Java Basics** from HackerRank.
- Completed the **IBM Data Science and Machine Learning Capstone Project** course.
- **Programming, Python for Data Science** course from NPTEL.
- Practical Course in **C** with Outstanding Performance from SoloLearning.

Experience

Artificial Intelligence Internship

AIMERS

Indian Servers

- Developed a **Medical Drug Details Bot** that provides drug usage information, including medications containing the drug and prescribed dosages, aiding healthcare professionals and patients in understanding drug applications and Helicopter Detection project focused on detecting helicopters in aerial footage using the **YOLO** Algorithm, enabling efficient identification for applications in surveillance and air traffic management.
- And **Visual Question and Answering Bot** and exploring other platforms like **PowerBI** , **Image Classification** , **Posture Detection** , **Hand Gesture Detection** Etc.

Web Development Internship

CodersCave

- Crafted several projects, including a **Link Shortener**, a Personal **Portfolio** Website, an HTML, CSS, and JavaScript **Compiler**, and a **Netflix Clone**, focusing on responsive design, dynamic functionality, and user-friendly interfaces. Successfully applied real-world scenarios like URL shortening, online code compilation, and UI cloning to enhance my practical skills. Received a **Letter of Recommendation** for my outstanding performance during this internship.

CyberSecurity Internship

Prodigy

- Designed security projects such as a **Caesar Cipher** for the encryption of text messages, **pixel manipulation to encrypt images**, a **password complexity checker**, a **key logger** and finally a **network packet analyzer** to check network traffic and security.

Projects

Mobile Phones Data Analysis and Visualization | Python , Streamlit , Numpy , Matplotlib

- This project is a Data Analysis project on mobile phone data set. A mobile phone data set contains information about mobile phones. The idea behind this study is to find useful information from the data we collect and give this to mobile manufacturers, marketers and researchers category.

Document Translation and Speech Generation Tool | Python , Streamlit , gTTS and NLTK

- Extended a Document Translation and Speech Generation Tool which accepts document as input, lets the user choose the target language for the translation process and generates speech for the original document and the translated document. With audio output.

Extra Curricular Activities

- Participated in **Smart India Hackathon** in 2023 .
- Participated in a 3 day **BOOTCAMP** and 24 Hour **HACKATHON** on DATA SCIENCE USING PYTHON