

KASA HARENDRA

Guntur, Andhra Pradesh, India | 6304340332 | [Portfolio](#) | harendrakasa@gmail.com | [LinkedIn](#) |

Enthusiastic AI and computer vision developer with expertise in Python and machine learning frameworks. Passionate about leveraging deep learning for real-world applications. Looking for opportunities to develop cutting-edge AI-driven solutions.

EDUCATION

Kendriya Vidyalaya, Guntur Class 10 (94.3%); Class 12 (90.4%);	Andhra Pradesh, India 2013 - 2023
Vasireddy Venkatadri University Bachelor of Technology (B.Tech); GPA: 9.43	Andhra Pradesh, India Aug 2023 - Ongoing

SKILLS AND ABILITIES

- **Languages:** Python, MySQL, Java, C, HTML, CSS, JavaScript
- **Frameworks:** Scrapy, Pandas, Numpy, Scikit-Learn, Django
- **Tools:** Power Point, MySQL, Oracle SQL, Photoshop CS3
- **Platforms:** Jupyter Notebook, Visual studio Code
- **Soft Skills:** People Management, Communication Skills

EXPERIENCE

Intern – High Performance Computing (HPC)
Centre for Development of Advanced Computing (CDAC), Pune
April 2025 – June 2025

- Successfully completed a 2-month internship focused on the sub-project "**Graph Representation and Visualization of Telecom Traffic Data.**"
- Applied graph-based data structures and Python libraries to represent and visualize complex telecom traffic datasets.
- Demonstrated inventiveness, strong problem-solving skills, and domain knowledge in HPC and data visualization.

PROJECTS

README Generator | [LINK](#)
Tech Stack: Node.js, Express.js, EJS, GitHub OAuth, Hugging Face API

- Built a full-stack web application to generate professional README files using AI models from Gemini.
- Integrated GitHub OAuth for secure authentication and personalized access to user repositories.
- Implemented dynamic UI using EJS templating to edit and preview README content in real time.
- Enabled one-click AI-powered README generation by analyzing project metadata and structure.
- Streamlined documentation process for developers reducing effort by over 70%, enhancing productivity and project presentation quality.

Data Tool — *Streamlit-based Data Handling and Visualization Utility* | [LINK](#)
Tech Stack: Python, Streamlit, Pandas, Plotly

- Developed a Streamlit-based web application for seamless dataset uploading, editing, and visualization.
- Implemented modular components for data preprocessing, transformation, and interactive editing.
- Integrated dynamic plotting using Plotly to enable real-time data exploration and insights.
- Reduced the manual workload in data cleaning and visualization by providing a unified interface.

Flipkart Web Scraper | [LINK](#)
Technologies used: Python, Scrapy, Requests, Pandas, CSV

- Developed a Python-based web scraping tool using Scrapy to extract product details from Flipkart based on user-provided search terms.
- Ensured efficient crawling by handling pagination and limiting requests to the allowed domain using Scrapy spiders.
- Processed and structured extracted data into **CSV format** for further analysis using the provided UI which helps user plot graphs.

CERTIFICATIONS

CS50’s Introduction to Programming with Python Harvard University – 2024

- Completed **nine problem sets** and a **final project**, covering Python programming fundamentals, algorithms, and problem-solving.

IBM Data Science Certificate IBM Cognitive Class – 2024

- Completed a comprehensive course on **data science foundations**, covering **data analysis, visualization, machine learning, and Python programming.**

Generative AI by Google Cloud Google Cloud Skill Boost (L4G) – 2024

- Learned **foundation models, large language models (LLMs), and prompt engineering.**

ACHEIVEMENTS | EXTRA CIRICULLARS

- Attended **German Language Workshop** twice that were held in Hyderabad and Mysore through Goethe Institute representing KV Guntur and **stood first in Fit-1 examination.**
 - Attended **Jawaharlal Nehru Science Exhibition** held at various venues on behalf of KV Guntur.
 - Attended **Regional Sports meet 2022** held in Hyderabad for participation in athletics (100m, 4x100m, 4x400m) and secured two bronze medals and a silver.
- Languages Known:** English, Telugu, German(Intermediate)