

# KASA HARENDRA

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*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

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

- Done a 2 months internship at **CDAC Pune** on **HPC (High Performance Computing)**

## PROJECTS

### 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.
- Implemented exception handling and request optimization to ensure efficiency and avoid IP blocking.
- 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)