

V.Sai Harshitha  
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## **Key Skills**

**Languages** : Python, AI/ML, Web Scraping, Deep learning, Computer vision  
**Frameworks** : Flask, Fast API  
**DevOps and API Tools** : Git, Docker, Postman  
**Cloud and Security Tools** : AWS, Linux

## **Professional Experience**

### **Reyan Digitals**

Feb 2024 - present

Software Developer-1

- As a software engineer, I specialize in Leveraging AWS CloudFormation to coordinate infrastructure and configuring EC2 instances for scalable and reliable deployment of applications.
- Integrated MongoDB database and employs web scraping techniques to gather and analyze data, enhancing the functionality and performance of software systems.

### **GYTWorkz**

May 2023 - Jan 2024

Machine learning Engineer Intern

- Our innovative solutions leverage advanced algorithms to analyze and interpret visual data, providing businesses with actionable insights into customer behavior.
- Conducted comprehensive data analysis, extracting actionable insights, to drive strategic decision making processes.

## **Projects**

### **ChatBot-Alden GPT**

Python, NLP, ML, AWS

- Developed Python-based Natural Language Processing (NLP) models leveraging machine learning techniques, such as sentiment analysis and named entity recognition, to extract insights from unstructured text data.
- Implemented Machine Learning models on the AWS infrastructure to automate tasks and enhance decision-making processes.

### **Colony Counter**

Computer Vision, YOLOV8, DL, OpenCv

- Colony Counter to detect the No. of colonies in a Petri Dish upon critical conditions which includes color, shape and lighting conditions. Utilized ML, Computer vision models, YOLOV8 (semantic search and object detection)

### **SimpleGhar-Amazon**

Python, web scraping, AWS, Fast API

- It is a price tracking website which is used to compare the prices of products from last year and suggests whether we have to buy the product or not, providing visual price details. Used MongoDB database to store product records.
- Employed the Keepa API to fetch the details of specific products, reducing costs. Additionally, we utilized AWS EC2 instances for storing these details

## **Education**

Bachelor of Technology - CSE (2020-2024)  
Pre University Course - MPC (2018-2020)

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