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V.Sai Harshitha LinkedIn : Sai Harshitha | LinkedIn saiharshitha.pgr@gmail.com 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 Feb2024-present Software Developer-1 â— As a software engineer,I specialize in Leveraging AWS CloudFormation to coordinate infrastructure and configuring EC2 instances for scalable and reliable deployment of applications. â— Integrated MongoDB database and employs web scraping techniques to gather and analyze data,enhancing the functionality and performance of software systems. GYTWorkz May2023-Jan2024 Machine learning Engineer Intern â— Our innovative solutions leverage advanced algorithms to analyze and interpret visual data, providing businesses with actionable insights into customer behavior. â— Conducted comprehensive data analysis,extracting actionable insights,to drive strategic decision making processes. Projects ChatBot-Alden GPT Python,NLP,ML,AWS â— 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. â— Implemented Machine Learning models on the AWS infrastructure to automate tasks and enhance decision-making processes. Colony Counter ComputerVision,YOLOV8,DL,OpenCv â— 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,webscraping,AWS,FastAPI â— 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. â— 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) IIIT-RGUKT Pre University Course - MPC (2018-2020) IIIT-RGUKT