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SAI HARSHITHA â€¢ saiharshitha.pgr@gmail.com â€¢ www.linkedin.com/in/sai-harshitha-353980252 â€¢ github.com/saiharshithavenna Willing to work in a challenging position with a growing Organization where I can utilize my technical and interpersonal skills to serve the organization and enhanced the same. Data-driven professional with expertise in developing advanced machine learning, deep learning, computer vision mod- els, and neural networks. Skilled at tackling complex industry challenges and optimizing engineering processes through innovative technology solutions. Passionate about learning new technologies and solving complex problems. â€¢ Bachelor of Technology- CSE (2020-2024) with 8.9 GPA-IIIT Srikakulam â€¢ Pre-University Course- MPC (2018-2020) with 9.2 GPA-IIIT Srikakulam â€¢ SSC- ZPHS, Pudipatla, Andhra Pradesh with 9.8 GPA Programming: Python, HTML, CSS, JavaScript, React, AI/ML, Web Scraping, Computer Vision, DL, NLP Frameworks: FastAPI, Docker Devops & API Tools: Git, Postman, Swagger, GitHub Cloud & Security Tools: AWS, Linux Databases: MYSQL, MongoDB â€¢ Self-Confident â€¢ Hardworking â€¢ Positive Nature â€¢ Patience â€¢ Adaptable : Company: Reyan Digital Software Developer (Jan 2024 - Aug 2024) â€¢ I specialize in leveraging AWS CloudFormation to orchestrate infrastructure, configure EC2 instances, and implement Auto Scaling for scalable and reliable application deployment. I also integrate AWS CloudFront for content delivery and manage S3 buckets for secure data storage. â€¢ Integrated MongoDB and Document DB databases, leveraging web scraping techniques to gather and analyze data. Company: GYTWorkz Machine Learning Intern (Sep 2023 â€“ Jan 2024) â€¢ Develop innovative solutions using advanced algorithms to analyze visual data, providing businesses with real- time insights into customer behavior through machine learning models. â€¢ Conducted comprehensive data analysis and extracted actionable insights to drive strategic decision-making processes, leveraging practical experience with computer vision and OpenCV models.

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: ChatBot-Alden GPT Created Python NLP models for sentiment analysis and entity recognition, and deployed ML models 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 Designed a Colony Counter with YOLOv8 for accurate detection of colonies in Petri dishes under diverse conditions. 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-Affliate Website Its is a price tracking tool using Python, to fetch the real-time price of Amazon Products. 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 Document DB database to store product records. â€¢ Utilized the Keepa API, scraper and PA API for fetching the product details. Used AWS EC2 for compute, S3 for storage, CloudFront for content delivery, and auto-scaling for scalability. : â€¢ NLP Internship certificate - IIIT Hyderabad â€¢ Machine learning internship - GYTWorkz â€¢ JavaScript for beginners - Simplilearn â€¢ AWS Cloud computing - INeuron â€¢ Machine learning with python - Verzeo : I hereby declare that the above information is true and correct to the best of my knowledge and belief. I assure of working to the best of my abilities and apply my knowledge efficiently and honestly wherever needed in the development of the organization.