

About Me



Hello..I am Sushma, a computer science student in university of new haven, passionate about leveraging technology to solve complex problems and eager to contribute to advancements in the field."

a solid foundation as a Senior Data Engineer for 2 years, I bring a fervor for staying abreast of new technologies and a commitment to enhancing my skills in software development. Eager to contribute my expertise and enthusiasm to dynamic projects in the ever-evolving landscape of technology

Skills

NAME: Sushma Sutharapu
EMAIL : ssuth3@unh.newhaven.edu
Ph No: +4762315237

- Java
- SQL
- Networking
- python
- Datastructures

Education

- Masters in Computer Science From University of new Haven-3.33 CGPA
- Btech(CSE) from Gokaraju Rangaraju Engineering College –JNTU University, Hyderabad-9.0 CGPA
- Diploma(cse) from Government polytechnic college-92%

Projects



Text Extraction from image

- Implemented advanced techniques like morphological operators and wavelet transform for effective text extraction from images
- Utilized Tesseract OCR Engine to enhance Optical Character Recognition, ensuring accurate extraction of text content
- Applied OpenCV for image processing, improving text visibility in complex images and contributing to accurate results



Uber Data Analysis

- Conducted data analysis on previous years' Uber bookings data, identifying patterns and structuring the information for insights.
- Developed a machine learning model using Python to predict the number of bookings expected at a specific destination within a 10-minute timeframe.
- Applied data-driven decision-making by leveraging statistical analysis and machine learning techniques to enhance forecasting accuracy for Uber bookings..



Customer Segmentation

- Implemented Customer Segmentation using K-means and DBSCAN algorithms to categorize customers based on shared characteristics.
- Analyzed Credit Card customer behaviors and features to create distinct customer segments.
- Aims to enhance marketing effectiveness by tailoring strategies to the unique preferences and habits of each identified customer group.

Work Experience

- Implemented robust version control strategies using Git and Bitbucket, ensuring efficient management of code repositories within the Anti Money Laundering team for a banking project.
- Streamlined software delivery processes by orchestrating continuous integration and deployment pipelines with Jenkins, contributing to a more agile and efficient development workflow.
- Administered software deployment activities with BMC Release Lifecycle Management (RLM), playing a key role in effective release planning and execution for the Anti Money Laundering project. Leveraged ServiceNow for streamlined IT service management and process automation, optimizing operational workflows and enhancing overall efficiency.
- Additionally, managed batch processing and job automation through Autosys, ensuring effective job scheduling and monitoring.

Blogs

- **The Power of Virtual Collaboration** Description: Explore collaboration platforms that enhance teamwork in virtual environments. Discuss features, integrations, and best practices for maximizing collaboration tools for remote teams.
 - **Effective Time Management for Remote Teams** Description: Dive into tools for time management in remote work, covering apps for task prioritization, time tracking, and productivity. Share tips on optimizing workflows for virtual collaboration..
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