Bhanu Kedhaar Nath Sunku

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OBJECTIVE

As a passionate and data-driven student, I am eager to start my career in data science/analytics. Seeking an internship or entry-level position to apply my skills in statistical analysis, programming, and machine learning, while gaining practical experience and contributing to a team of like-minded professionals.

EDUCATION

Northern Illinois University   **Dekalb, IL**
Master's in Computer Science (GPA :3.780)   *Aug 2022 - Present*

Amrita Vishwa Vidyapeetham (Amrita University)   **Amritapuri, India**
Bachelor's in Computer Science (GPA:3.00)   *June 2017 - June 2021*

SKILLS & INTERESTS

Skills: Python, PostgreSQL, AWS, Docker, GCP, Git, Kubernetes, Mac Os, Swift, SwiftUI, Html, CSS, Tableau

Libraries: Pandas, DuckDB, Ibis, Numpy, Matplotlib, Altair, OCR, OpenCV, Shutil, Zipfile, Json

WORK EXPERIENCE

DevOps Engineer Intern, Alation   *Apr 21 - Aug 21*
Migrated Alation's mac-stadium anka slaves to AWS mac instances and integrated with Jenkins master by setting up auto-scaling policies using swarm slave manager. Created a design document as POC. Delivered key features for building mac applications using Jenkins. Ran several experiments around scaling the Jenkins ec2 mac slaves.

Cloud Engineer Trainee, Axcess.io   *Dec 20 - Mar 21*
Ran the production SaaS application by monitoring availability using grafana and AWS cloud watch. Continuous deployment as per client request. Taking ownership of client's Issues. Working in global time zone

WORK WITH DATA

Ask a Manager Salary Survey
Performed various data analysis tasks using Pandas, DuckDB and Ibis. Cleaning the data by reformatting, updating, splitting, combining, the data, integrating with multiple datasets for better use of machine learning models. Developing a Machine learning model using different regressions such as multiple, polynomial and random forest regression. Visualizing train, test and predicted data using matplotlib. Get detailed work here

Border Crossing Entry Dataset
Cleaned and restructured the data for easy accessibility through python dictionaries. Restructured the list of dictionaries into nested dictionaries by adding all the monthly data as one specific dictionary, this reduced the size of the dataset and repetition of data. Analyzing the data by finding and querying the necessary data and comparing by different ports and by measures and values. used pandas extensively here. Visualized the query data using matplotlib and altair. Get detailed work here.

Automobile Fuel Economy Dataset
Cleaned the data by shrinking the columns and reassigning the datatype to reduce the size of the dataset. without losing any data. Dealing the missing and Null values. Querying the necessary data for analysis. Get detailed work here.

PROJECTS

Analyzing and Ranking Resume/CV
Final year Project   *Aug 20 - Jun 21*
- Objective: Analyzing and sorting the resume based on skills, experience and education for the employer and giving feedback to others who are not selected.
- Tools : NLP, Pyreparser, Python, Django, GCP, SQL, Html, CSS

CBSE Result Recognition Using OCR
Research Assistant   *Nov 21 - Jan 21*
- Collect mark list from scanned pdfs and convert into text using OCR and tesseract fill the excel using opencv
- Tools : OCR, Tesseract, OpenCV, Python and its libraries.

Music Store Management System
Group Project   *Feb 19 - Mar 19*
- Created a Database that manages and handles the sales, inventory and Customer information.
- Created an Interactive web interface for customers and for owners.
- Tools : SQL, ER Schema, Html, CSS, Javascript.