Nrusimha Vihari Eyunni

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EDUCATION

Indiana University, Bloomington — Master of Science in Data Science
CourseWork: Machine Learning, Data Structures and Algorithms, Data Analysis — *Jan, 2021 – Dec 2022*

Gandhi Institute of Technology and Management — Hyderabad, Telangana
Bachelors of Technology in Electrical and Electronics Engineering — *June, 2013 – May 2017*

TECHNICAL SKILLS

Languages: Python, SQL, R, CSS, HTML, JS, C
Databases: SQL Server, Oracle and MySQL, MongoDB
Frameworks: Flask, Spark, kafka, Apache Airflow, Docker, Amazon Web Services(AWS)
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ
Libraries: Pandas, Shiny, NumPy, Matplotlib, Tensorflow, Pytorch, React.JS, Seaborn, ggplot2, Keras, PySpark
Machine Learning: Classification, Regression, Clustering, Neural Networks, Forecasting, Recommendation systems

EXPERIENCE

Bloomington Assessment and Research — March 2021 - Present
Graduate Research Data Analyst — *Bloomington, Indiana*

- Developed prediction models and recommendation systems based on student data. Created data sources for these models and designed Tableau dashboards based on the results. These efforts yielded an increase of net program tuition revenue by 2.5% and improved student retention by 5%

Capgemini, India — January 2018 - December 2020
Senior Data Analyst — *January 2020 - December 2020*

- Worked on Tableau, SQL server in Animal health division to develop Ad-hoc reports.
- Created visualizations comparing Pet Pharmaceutical products sales in America which included sales targets, monthly sales growth, average profit margin, product performance etc. My dashboards helped the BI team analyse and increase efficiency of inventory allocation by 22%.

Data Warehouse Developer and Analyst — *January 2018 - December 2019*

- My role was to develop and design code to migrate large scale data in either Full or incremental refreshes from Oracle, SQL databases, flat files etc. to a Data Warehouse which used a multidimensional data model.
- Have used Python and R scripts to clean data at the data extraction level. Trained 2 interns and automated the process of Data cleaning which decreased the man hours invested by 25% over the Financial year.

Amazon, India — August 2017 - January 2018
Customer Service Representative

- I handled various digital services and helped over 850 customers troubleshoot their product issues.
- Have received Silver Award and lot of appreciation from the Site and Senior operations Manager for being in the top 3% of all the CSR's in the whole country. Also, I have helped the team in designing some of the products based on customer reviews using Adobe Illustrator and Adobe XD.

PROJECTS

E-Commerce Website | *MongoDB, Express, React, Node.Js*

- Built a powerful and fully functional E-commerce website using MERN stack. Dashboard for products/orders.

Data Driven Webapps | *Python, Streamlit*

- Built Data Driven WebApps using Streamlit. Included Predictive Analysis using ML Regression & Classification.

Machine Learning based web Application | *Flask, HTML, CSS, Linear Regression Model, Web Hosting*

- Created a WebApp built on Flask which uses Machine learning Linear Regression model to predict the Probability of a CHD when provided with BP,Cholesterol, BMI,CPD and Patient's Age.

COVID Demand Forecasting with "Eli Lilly" | *Python, Web Scraping ML, DL* — January 2021 – February 2021

- Developed multiple forecasting models to predict the number of cases for 2021 which helped Eli Lilly and Company estimate their new treatment doses manufacturing and distribution.