

Nrusimha Vihari Eyunni

812-803-8494 | vihari95@outlook.com | [LinkedIn](#) | [GitHub](#) | [Tableau](#) | [Portfolio](#)

EDUCATION

Indiana University, Bloomington, IN | MS in Data Science | GPA : 4.0/4.0 *Jan 2021 - July 2022*
GITAM University, India | B.Tech. in Electrical and Electronics Engineering | GPA : 8.54/10.0 *July 2013 - May 2017*

TECHNICAL SKILLS

Programming Languages: Python, Pyspark, R, C, Shell Scripting

Database Technologies: PostgreSQL, MySQL, Snowflake

Frameworks/Tools: MSBI stack, Apache Spark, Airflow, Kafka, Hive, Git, Informatica, Docker, Kubernetes

Data Visualization and Cloud: Tableau, Power BI, R Shiny, GCP, AWS (RDS, S3, EC2, Lambda, Redshift, EMR)

Libraries: Pandas, Numpy, PyTorch, dplyr, ggplot2, Tensorflow, Keras, Matplotlib, Seaborn, Tidyverse, Beautiful Soup

EXPERIENCE

Data Engineer/Business Analyst | **ZS Associates** | *San Francisco, CA* *August 2022 - Present*

- I have leveraged technical and business expertise to lead complex data management projects, collaborating effectively with cross-functional teams, and fostering a culture of strategic agility and change management, resulting in significant cost savings and improved client satisfaction
- Created Pyspark scripts to make automated API calls to standardize over 7M addresses processed in bulk and in batches
- Migrated millions of data from a legacy MDM system to a cloud graph database using the lift and adjust model. Helped enrich the data and save over 2M in total cost of ownership for the client
- Worked on designing and building multiple external utilities for the master data management system that helped save time for downstream users, enabling faster insights
- Collaborated in creating an API tool for the clients to help them prioritize matches for merging, potentially bringing down the manual work by 30%

Data Engineer Intern | **Blend360** | *Bloomington, IN* *Jan 2022 - May 2022*

- Worked on creating data architectures and implemented ETL models in a production environment. Worked with business leaders and clients to understand how to make data accessible and usable throughout the organization
- Created multiple batch and real-time data pipelines using cloud warehousing tools. Developed modular code libraries that can be reused and re-purposed for additional business needs

Research Analyst | **Bloomington Assessment and Research** | *Bloomington, IN* *May 2021 - Jan 2022*

- Developed predictive classification models and performed process mining to match students and analyze the populations' Retention and Graduation
- Built and maintained tables to store data gathered from multiple sources. Also Built dashboard applications using R and Shiny that perform process mining to share actionable insights
- Created Tableau dashboards that showed essential business insights to the Office of the Vice Provost which resulted in an increase of Undergraduate program tuition revenue by 2.5% and improved student retention by 5%

Data Engineer (Research Intern) | **Eli Lilly and Company** | *Bloomington, IN* *Jan 2021 - Feb 2021*

- Implemented Machine Learning models for the prediction of COVID cases and the demand for their proprietary drug in a research project and achieved an accuracy of 86% in predicting both
- Orchestrated an ETL pipeline using Apache Airflow to push these results to a relational database for scheduling the data loads and thereby analyzing the insights

Sr. Software Engineer | **Capgemini India Pvt. L** | *Bangalore, India* *Jan 2018 - Dec 2021*

- Increased efficiency of Data Ingestion by optimizing queries and Indexing to reduce server response time in turn saving 26k\$ per quarter
- Trained two interns and automated the process of Data Ingestion, cleaning, and transformations using Python, which decreased the number of hours invested in this process over the Financial year by 25%.

PROJECTS

Image Search (NER, LSTMs, CNN, Python) *Mar 2021*

- Designed a way of achieving reverse image search by performing named entity recognition(NER) on a caption, generated from the image using Convolutional(CNN) and Recurrent(RNN) neural networks. Also submitted this as a research paper for publication