

JASTI SAI VIGNESH



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EDUCATION

MS in Data Science and Analytics

J Mack Robinson College
of Business (Georgia
State University)

Aug 2021 – Dec 2022

Bachelors in Computer Science and Engineering

VNR Vignana Jyothi
2015 - 2019

SKILLS

Python

SQL

R

AWS

MongoDB, NoSQL

Tableau, PowerBI

SSIS

SSRS

Javascript, CSS

MEAN Stack

Hadoop, Hive

Apache Spark

MS Excel

Git, BitBucket

SQL Server, OracleDB

CERTIFICATIONS

Python for Data Science,
AI and development from
IBM through Coursera.

Certified AWS Cloud
Practitioner.

Software fundamentals
certification from
Microsoft.

Three years of hands-on work experience in organizing and analyzing data for effective decision-making. Adept in relational databases and business intelligence tools. Strongly motivated to bridge organizational goals by leveraging technological resources to build workflows for optimal data-driven solutions.

EXPERIENCE

Graduate Research Assistant

Georgia State University, Atlanta / Aug 2021 - Present

- Involved in a sprint project for Atlanta based startup Carputty.
- Analyzed the total cost of ownership of a car over a period with time series forecasting.
- Webscraped data from OEMs and maintenance vendor websites, performed feature engineering, built a regression model and presented tangible visualizations using Tableau and python Matplotlib-Seaborn.

Associate Data Engineer

Optum Global Solutions, Hyderabad, India / July 2019 – July 2021

- Classified insurance claims as fraudulent/non-fraudulent on imbalanced data after performing feature engineering and scaling, followed by supervised ML models.
- Presented COVID-19's highly affected clients of the United Health Group to the senior leadership using visualizations created by Tableau, PowerBI, and SSRS.
- Handled data management and filtering activities with relational data in SQL Server and OracleDB and non-relational databases like MongoDB for backend data of web applications.
- Managed data extraction and manipulation jobs on SQL Server Integration Services and Apache Nifi.
- Received "Bravo" award for excellence from UHG.

PROJECTS

- Performed ETL Operations to migrate flat files and OLEDB databases from multiple credit managers and created a centralized pipeline for business intelligence operations.
- Have mined patterns from big data to reduce the turnaround time for health insurance claim resolution by 40 percent.
- Analyzed covid cases by filtering data in SQL and published an interactive tableau dashboard.
- Built a Machine Learning model for Bank Churn Prediction using NaiveBayes and XgBoost Classifiers.
- Managed the end-to-end development of Django, flask, Angular and Nodejs applications by establishing connecting gateway to several enterprise datamarts.