

Teja Sree Bussa

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EDUCATION

Master of Science, Data Analytics

Aug 2022 - May 2024

San Jose State University, San Jose, CA, US

- CGPA :- 3.4/4.0

Bachelor of Technology, Electrical and Electronics Engineering

May 2017 - Aug 2021

CVR College of Engineering, Hyderabad, India

- CGPA :- 3.8/4.0

TECHNICAL SKILLS

- Programming and Databases: Python, Java, C, SQL, NoSQL, MySQL, MongoDB, Neo4j, Google BigQuery, Sigma.
- Software/Technologies: Kafka, FiveTran, DBT, Apache Airflow, Logstash, Kibana, Tableau, MS Excel, Power BI, Confluence.
- Cloud Computing and Big Data: AWS (S3, RDS, EC2, SQS, EMR), GCP, Hadoop, Spark, Salesforce, Snowflake.

WORK EXPERIENCE

Data Management Intern, Workato, San Jose, CA

Jul 2023 - Present

- Demonstrating expertise in utilizing Sigma Computing, Snowflake, and Salesforce to orchestrate data management and visualization, amplifying organization's data-driven capabilities.
- Leading in-depth analysis of historical data, identifying critical trends and patterns empowered organization to respond to market shifts by creating 10 sigma dashboards.
- Accomplishing 30% reduction in dashboard loading times through data optimization, enhancing user experience.

Application Development Analyst, Accenture, Hyderabad, India

Jul 2021 - Jul 2022

- Accomplished a 20% reduction in report execution time by performing data cleaning on the ServiceNow platform for Data Architecture Handling.
- Conducted 4 exploratory data analysis activities such as Univariate Analysis, Multivariate Analysis, Outlier detection, and Correlation to enhance data quality and expedite project flow.
- Leveraged Tableau to generate reports and dashboards for customers and supervised integrity of data lake. Improved critical metrics report generation time by 25% and customer satisfaction rate by 15%.

PROJECT EXPERIENCE

Traffic Forecasting, San Jose State University

Jan 2023 - Apr 2023

- Analyzed real-time METRLA dataset in HD5 File format collected from 207 sensors in LA using 3 test metrics.
- Conducted data analysis and pre-processing by cleaning and transforming raw data into 34,272-time sequence adjacency matrix.
- Developed a functional model to forecast traffic using GNN and GCN as spatial models.

Stack Overflow Data Analysis, San Jose State University

Feb 2023 - Apr 2023

- Implemented a Hadoop and Spark-based data analysis project for Stack Overflow, processing large datasets (over 100 GB) and retaining processed data in HDFS with a replication factor of 3.
- Built Python scripts for data analytic tasks achieving a 95% accuracy rate for sentiment analysis.
- Analyzed 50 top tags from 10 million Stack Overflow questions and answers and presented results.

Data Warehouse Implementation & Analysis, San Jose State University

Sep 2022 - Dec 2022

- Established a private VPC network for Cloud SQL and moved data to BigQuery and Google Cloud Storage.
- Leveraged Cloud Composer to design over 3 environments for scaling, implemented ETL pipeline and DAGs.
- Built and executed SQL queries to extract 10 KPI's, and presented on an interactive dashboard.

CERTIFICATIONS

- ServiceNow Certified System Administrator Certification (Apr 2022)
- ServiceNow Certified Application Developer Certification (Jul 2021)

ACCOMPLISHMENTS

- Recognised as Accenture best Employee for consistent effort to several projects, thrice in two quarters.
- Serving as president of a women empowerment and promoting gender equality and women's leadership on campus.
- Responsible for leading the Level-1 team for Street Cause Hyderabad NGO to raised funds for campaigns.