Sri Sruthi Bommireddy

(323) 328-6397 | sribommireddy@gmail.com | Linkedin | Power BI Dashboards

EDUCATION

University of North Carolina at Charlotte   Charlotte, NC
B.S in Management Information Systems   *August 2023 - December 2024*

California State University, Long Beach   Long Beach, CA
B.S in Business, emphasis in Information Systems   *August 2021 - July 2023*

EXPERIENCE

Cygnet Inc
Data Analyst Intern Co-Op   *September 2024 - Present*

- Leveraged advanced SQL and Power BI skills to analyze large datasets, delivering valuable insights to enhance operational efficiency.
- Utilized custom Python scripts and tools like NumPy, Pandas, Matplotlib, and Plotly for extensive EDA, feature engineering, preprocessing, and visualization, streamlining data preparation and model training.
- Generated Power BI reports from Excel and ensured proper connections with SQL Server, enhancing report generation time and stakeholder communication.
- Optimized databases using SQL programming, reducing query response time by 35% and enhancing data retrieval capabilities.
- Seamlessly integrated the ESRI API with Python for advanced geospatial data extraction, handling over 3 million data points and storing them in a PostgreSQL database using SQLAlchemy.
- Implemented Power Automate flows for KPI-based anomaly detection in Power BI, triggering instant notifications to key stakeholders, enabling swift corrective actions, and reducing potential losses by 15%.

Tenet Healthcare   *Dallas, TX*
Information Systems Intern   *May 2024 - August 2024*

- Integrated data from Entrust and PKI servers into ServiceNow, streamlining certificate management for over 5,000 assets.
- Developed a real-time dashboard of certificate lifecycle in ServiceNow, reducing certificate expiration incidents by 30%.
- Applied ITIL processes for incident and change management, leading to a 20% improvement in response times.
- Enhanced healthcare IT systems, improving patient care by minimizing application downtime due to expired certificates.
- Collaborated with cross-functional teams to develop and implement data-driven solutions using Agile methodology, while effectively conveying technical solutions to non-technical stakeholders to enhance overall collaboration.

University of North Carolina   *Charlotte, NC*
Student Tech Analyst   *August 2023 - April 2024*

- Developing and maintaining interactive dashboards to track and visualize key performance metrics and categorize into resolved, pending, and other relevant classifications.
- Applied expertise in optimization mathematics, specializing in linear and nonlinear programming, alongside advanced Excel skills, including VBA, for automation and customization in data analysis.
- Conducting data analysis to identify trends and areas of improvement by utilizing Excel and Power BI to analyze data.

Cygnet Inc   *New Jersey, NJ*
Data Analyst Intern   *May 2023 - July 2023*

- Collaborated with product management to define and implement data strategies, ensuring data quality and integrity through cleaning and transformation using ETL tools.
- Developed and monitored automated dashboards in Power BI, establishing KPIs for the operations team to track monthly sales and generate actionable insights.
- Conducted root cause analysis and produced daily ad-hoc reports to update the operations team on inventory processes.

TECHNICAL SKILLS

Programming Languages: Python, SQL, R
Data Visualization : PowerBI, Tableau,Matplotlib, Seaborn
ETL Tools: AWS Glue, Qlik Replicate
Databases & Data Warehouses: Oracle, SQL Server, MongoDB, PostgreSQL, Snowflake, AWS Redshift, Google BigQuery, Azure Synapse
Data Lakes: AWS S3, Azure Blob Storage, Google Cloud Storage
Cloud & Deployment Technologies: AWS, Azure, Git, Jenkins, Docker, Kubernetes
Project Management: Sharepoint, Jira, MS Project, DAX, Advanced Excel, Visio, Power Query, Microsoft Access, ServiceNow, Entrust
Methodologies: Agile Methodology, Waterfall Methodology

CERTIFICATIONS AND AWARDS

- Holds AWS Cloud Practitioner certification, showcasing proficiency in designing and implementing AWS-based solutions.
- Awarded Certificate of Excellence from Tenet Healthcare for minimizing application downtime by proactively resolving expiring SSL certificate issues through enhanced visibility.