Swetha Kommaraju
[Portfolio](#) | [LinkedIn](#)
Austin, TX | (737)-212-4267 | swethakommaraju23@gmail.com

Career Summary:

- Business Intelligence and Data Analytics professional with over 3 years of experience in developing impactful data solutions.
- Expertise in **Power BI**, including Desktop and Service, as well as **SSIS**, **SSAS**, and **SSRS** for advanced report development and data integration.
- Skilled in SQL, Hadoop ecosystem tools (**Hive**, **HDFS**), and **Azure Data Bricks** for robust data engineering.
- Improved sales forecast accuracy by 15% through predictive analytics models in Power BI.
- Strong in data modelling and report generation for large-scale retail operations, delivering actionable insights.
- Programming proficiency in **Python**, **C**, and front-end technologies (**HTML**, **CSS**, **JavaScript**).
- Experienced in creating efficient ETL workflows with **Alteryx**, and managing clusters in Azure Data Bricks using **PySpark** and Jupiter Notebooks.
- Adept at collaborating with cross-functional teams to align data solutions with business objectives.
- **Master of Science in Computer Science (December 2024)** with a strong focus on enhancing technical and analytical skills.
- Demonstrated ability to manage support tickets, deliver timely report enhancements, and work in high-pressure environments.

Technical Skills

- **Programming Languages/Tools:** Python, C, Java
- **Operating Systems:** Linux, Windows
- **Business Intelligence Tools:** Microsoft Power BI, SSRS, SSIS, SSAS, Tableau, Google Looker, Excel
- **Frontend Development:** HTML, CSS, JavaScript, Angular
- **Databases:** MySQL, MSSQL Server
- **Data Warehousing:** Snowflake
- **Cloud Platforms:** Azure

Data Engineer Associate
Miracle Software Systems, India
Aug 2019 – Nov 2022
Client Type: Retail and Sales
Key Responsibilities:

- Designed and developed SSRS and Power BI reports, including parameterized, matrix, and tabular formats.
- Created and optimized SSIS packages and SSAS cubes for seamless data integration and analytics.
- Built predictive analytics models in Power BI, improving sales forecast accuracy by 15% and enhancing inventory alignment.
- Supported and resolved report development tickets, ensuring timely and accurate delivery of data insights.

Environment: Power BI, SSRS, SSIS, SSAS, SQL Server, Snowflake

Project: Finance Transformation
Client: A leading American multinational retail corporation operating hypermarket, discount department stores, and grocery stores globally.

Key Responsibilities:
- Built and managed clusters in Azure Data Bricks using Jupyter Notebooks for PySpark development.
- Developed and automated data workflows with PySpark scripts and Automic workflows, integrating with Hive databases.
- Designed and supported Hadoop solutions, including installation, configuration, and documentation.
- Conducted unit testing and basic application testing for Hadoop applications.
- Analyzed large datasets using Hadoop ecosystem tools such as Hive and HDFS.
- Wrote optimized, high-performance Hive queries for data analysis and transformation.
- Processed and analyzed data in Teradata and ThoughtSpot to meet business requirements.
- Collaborated with cross-functional teams to ensure efficient data processing and timely service delivery.
- Monitored and managed scheduled finance jobs (Hive, Teradata, ThoughtSpot) using Automic.
- Coordinated with business teams to resolve data delays and ensure consistent delivery.

Environment: HDFS, Hive, PySpark, Automic, Teradata, ThoughtSpot.

Education
- **Master of Science, Computer Science** *(Jan 2023 – Dec 2024)*
  Wichita State University (WSU), Kansas, United States.
- **Bachelor of Technology, Information Technology** *(Aug 2015 – May 2019)*
  Jawaharlal Nehru Technological University, Kakinada, India.

Certifications:
    Microsoft Certified: Power BI Data Analyst Associate.