**Badrinadh Gada**

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**SUMMARY**

Motivated and detail-oriented data engineering with 5 months of industry experience in data migration, ETL workflows, and data analysis. Skilled in Python, SQL, Informatica, and Azure Data Factory, with a solid understanding of data processing pipelines, cloud services, and data modeling. Strong foundation in data engineering best practices, version control, and CI/CD deployment using Azure DevOps.

**• Data Engineering & ETL**: Experience working on end-to-end data migration from Informatica to Azure, including the design, development, and optimization of ETL pipelines using Azure Data Factory.

**• Data Analysis:** Proficient in cleaning, transforming, and analyzing large datasets using Python (Pandas, NumPy) and SQL to extract meaningful insights and trends.

**• Cloud & DevOps:** Familiar with Microsoft Azure (ADF, Synapse, Data Lake). Hands-on experience with version control using Git and Bitbucket.

**• Containers & Tools:** Exposure to Docker and containerized environments. Comfortable working with tools like JupyterLab, VS Code, and PyCharm.

**• Data Visualization & Reporting**: Built interactive dashboards and reports using Power BI and Excel to support stakeholder decision-making.

**• Database Experience:** Worked with MySQL, SQL Server, and NoSQL (MongoDB, DynamoDB) for data storage and query optimization.

**TECHNICAL SKILLS**

**Programming Languages:** Python (3.7–3.10), SQL, Bash/Shell Scripting  
**Big Data Technologies:** Apache Spark, Apache Hadoop  
**ETL Tools:** Informatica, Azure Data Factory  
**Data Warehousing:** Azure Synapse  
**Data Modeling & Processing:** Pandas, NumPy, PySpark  
**Cloud Platforms:** Microsoft Azure (ADF, Synapse, Data Lake)  
**Databases:** MySQL 8.0, SQL Server, PostgreSQL, NoSQL (MongoDB)  
**Version Control:** Git, Bitbucket  
**Containers & Orchestration:** Docker, Kubernetes  
**Monitoring & Logging:** Azure Monitor  
**IDEs & Tools:** VS Code, JupyterLab, PyCharm  
**Data Serialization:** JSON, Parquet, ORC  
**Build & Package Tools:** pip, Conda

**WORK EXPERIENCE**

**Programmer Analyst Trainee**  Coimbatore,TamilNadu, India

*Cognizant* 02/2023 – 07/2023

• Supported end-to-end data migration activities from Informatica to Microsoft Azure cloud environment.

• Analyzed existing ETL workflows in Informatica and contributed to re-engineering them for Azure Data Factory (ADF) pipelines.

• Collaborated with cross-functional teams to ensure data integrity, consistency, and performance throughout the migration process.

• Assisted in designing and testing data flow pipelines, implementing best practices for scalability and cloud optimization.

• Participated in troubleshooting, validating data accuracy, and resolving migration-related issues during UAT and production deployment.

• Documented technical processes and migration procedures to support knowledge transfer and future maintenance.

**Data Analyst Intern**  Bangalore, India

*Cognizant* 02/2022 – 08/2022

• Assisted in data-driven decision-making by cleaning, analyzing, and visualizing large datasets using tools like Python (Pandas, NumPy) and SQL.

• Collaborated with senior analysts to identify business insights and present findings through interactive dashboards using Power BI and Excel.

• Contributed to exploratory data analysis (EDA), detecting patterns and trends to support ongoing machine learning model development.

• Participated in feature engineering and data preprocessing tasks to improve model accuracy and reliability.

• Gained exposure to data science workflows, including hypothesis testing, regression analysis, and clustering techniques.

• Documented analysis processes and presented actionable insights to stakeholders to support business strategy.

**PROJECTS:**

**Analyzing and Visualizing Cancer Data:**  
This project focuses on visualizing and analyzing cancer-related datasets through an interactive web application to support research and healthcare insights.  
• **Backend Framework:** Implemented using **FastAPI** to handle API requests efficiently, ensuring high-performance data retrieval and processing of medical datasets.  
• **Frontend Development:** Built an interactive user interface using **Angular**, enabling users to explore, filter, and analyze cancer statistics and trends.  
• **Deployment:** Hosted on **Azure Static Web Apps**, ensuring rapid deployment and global scalability.  
• **Technologies Used:** FastAPI, Angular, Azure Static Web Apps.

**CERTIFICATIONS**

• Microsoft Azure Fundamentals AZ-900.

• Microsoft Certified: Azure Data Fundamentals (DP-900)

**EDUCATION**

University of Missouri-Kansas City (UMKC) Kansas, Missouri

Masters in Computer Science 08/2023: 05/2025