NISHITHA P S

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Portfolio Link: https://nishithaps.github.io/

WORK EXPERIENCE

Infosys   **Bangalore, Karnataka**

Technology Analyst   **Jul 2018 – Jun 2022**

- Built and optimized ETL workflows to ingest, transform, and load data from APIs, Azure, and Excel into PostgreSQL.
- Managed development, staging, and production environments, ensuring 99.9% system uptime.
- Developed SQL queries and stored procedures to enhance data processing efficiency by 30%.
- Automated repetitive ETL tasks, reducing downtime by 40% and improving efficiency by 25%.
- Partnered with stakeholders across 5+ departments to define data requirements and deliver tailored solutions.
- Conducted rigorous data validation to ensure accuracy and consistency across systems.
- Authored workflow documentation, test reports, and user manuals, improving knowledge transfer by 20%.
- Utilized Azure tools and Linux commands to optimize processes and reduce resolution time by 15%.
- Contributed to Agile sprint planning and team productivity improvements of 10% per quarter.
- Mentored and trained a team of 5 members, enabling them to independently handle critical task

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EDUCATION

Mangalore Institute of Technology and Engineering (MITE), Moodbidri

Bachelor of Engineering: Electronics and Communication

Technical Skills

- **Programming & Scripting:** Python, Python Flask, Java (Basic), HTML, CSS (Basic)
- **Databases & Query Languages:** SQL, PostgreSQL
- **Data Processing & Analysis:** NumPy, Matplotlib, Seaborn, Plotly, PySpark
- **ETL & Data Engineering:** ETL Process, Azure Data Factory, Azure Databricks, Azure Synapse Analytics
- **Big Data & Cloud Technologies:** Apache Spark, Snowflake, AWS, Microsoft Azure
- **Data Warehousing & Modeling:** Star Schema, Snowflake Schema, Data Modeling
- **Data Governance & Quality:** Data Validation, Data Cleansing
- **Visualization & Reporting:** Excel, Power BI
- **Development & Version Control Tools:** PyCharm, Visual Studio Code, Git, GitHub, GitHub Actions (CI/CD)

Courses and Certifications

- Microsoft Certified: Power BI Data Analyst Associate
- Power BI Course - SkillNation
- PwC Switzerland Power BI Job Simulation - Forage
- Tata Data Visualisation - Forage
- Accenture Job Simulation - Forage
- Deloitte Data Analytics - Forage
- Hands-On Analytics Engineering Project – LinkedIn Learning

- SQL Server for Data Analysis – Alison
- Diploma in Microsoft Excel for Beginners and Experts – Alison
- Python for Data Science – Alison
- Data Engineering on Microsoft Azure – Udemy
- The Complete Python Pro Bootcamp – Udemy
- Python for Data Visualization – LinkedIn Learning

Projects

Work Project at Infosys

- Designed and developed an end-to-end ETL workflow to ingest, clean, and transform data from multiple sources (Excel, APIs, Azure) using in-house ETL tools and PostgreSQL stored procedures.
- Managed data storage in PostgreSQL, ensuring integrity, efficient retrieval, and seamless data transfer to downstream systems for further processing.
- Worked in an Agile environment, collaborating with cross-functional teams to optimize workflows, enhance data processing efficiency, and ensure timely project delivery.

PowerBI - Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage

- Completed a simulation creating data visualizations for Tata Consultancy Services, preparing insightful questions for senior leadership meetings.
- Developed visuals for data analysis to support executives in making informed, effective decisions.

PowerBI - PwC Switzerland Power BI Job Simulation on Forage

- Demonstrated expertise in data visualization through Power BI dashboards, conveying KPIs and responding to client requests with well-designed solutions.
- Leveraged strong communication and analytical problem-solving skills to analyse HR data, diagnose gender balance issues at the executive level, and provide actionable insights for data-driven decision-making.

PowerBI and Excel - Deloitte Australia Data Analytics

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using PowerBI and used Excel to classify data and draw business conclusions

Excel - Coffee Sales Analysis Dashboard

- Developed an interactive Excel dashboard to analyse coffee order data using Pivot Tables to visualize total sales trends, sales by country, and top 5 customers.
- Added slicers for dynamic filtering by roast type, size, and loyalty card status to enhance data analysis.

SQL and Excel - Bank Loan Report Dashboard

- Analysed loan data using SQL queries in SQL Server Management Studio (SSMS) to extract key insights on loan applications, funded amounts, repayments, and financial KPIs.
- Developed an interactive Excel dashboard with visualizations, including trend analysis, regional distribution, loan purpose breakdown, and borrower insights, to support data-driven decision-making.

Microsoft Azure – End to End Azure Data Pipeline

- Designed and implemented a scalable ETL pipeline using a Bronze-Silver-Gold architecture in Microsoft Azure.
- Ingested data via API into Azure Data Factory (Bronze layer - Data Lake Gen2) and transformed raw data using Spark in Databricks (Silver layer).
- Built a data warehouse in Azure Synapse Analytics (Gold layer) and enabled seamless Power BI integration for data visualization and reporting