

NISHITHA P S

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WORK EXPERIENCE

Infosys

Bangalore, Karnataka

Technology Analyst

- Designed, developed, and managed end-to-end ETL workflows to extract data from multiple sources, including APIs, Azure, and Excel, transforming it into suitable formats and loading it into PostgreSQL databases.
- Maintained and optimized development, staging, and production environments, achieving 99.9% system uptime and seamless pipeline execution.
- Authored and executed complex SQL queries and PostgreSQL stored procedures, reducing manual data processing time by 30% and enhancing decision-making with actionable insights.
- Automated recurring processes, reducing downtime by 40% and increasing overall data pipeline efficiency by 25%.
- Collaborated with cross-functional teams, gathering data requirements from stakeholders across 5+ departments and delivering tailored solutions aligned with business goals.
- Conducted rigorous testing of ETL workflows, ensuring 100% data accuracy and system reliability across all environments.
- Authored comprehensive documentation, including test reports, workflow guides, and user manuals, improving team knowledge transfer efficiency by 20%.
- Leveraged basic Azure tools and Linux commands to streamline processes, troubleshoot technical issues, and minimize resolution time by 15%.
- Operated within an Agile framework, contributing to sprint planning and reviews, improving team productivity by 10% quarter-over-quarter.
- Trained and mentored a team of 5 members, scaling their skills to handle critical tasks independently within 3 months.

EDUCATION

Mangalore Institute of Technology and Engineering (MITE), Moodbidri

Bachelor of Engineering: Electronics and Communication

Technical Skills

- Programming Languages: Python, SQL, Basic Java
- Database Management: PostgreSQL
- Data Analysis and Visualization Tools: Excel, Power BI, Matplotlib, Seaborn, Plotly
- ETL and Big Data Technologies: ETL Processes, PySpark
- Cloud Platforms: Microsoft Azure

Courses and Certifications

- Microsoft Certified: Power BI Data Analyst Associate
- Power BI Course - SkillNation
- PwC Switzerland Power BI Job Simulation on Forage (Forage)
- Tata Data Visualisation (Forage)
- Accenture Job Simulation (Forage)
- 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

Projects

- Work Project**
 - 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 involving creating data visualizations for Tata Consultancy Services
 - Prepared questions for a meeting with client senior leadership
 - Created visuals for data analysis to help executives with effective decision making
- PowerBI - PwC Switzerland Power BI Job Simulation on Forage**
 - Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
 - Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
 - Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.
- 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**
 - Analyzed 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 integrated it with Power BI for data visualization and reporting

More Project Details available on the Portfolio () and Github ()