NAVEEN VAYILAPALLI

DATA ANALYST, PYTHON DEVELOPER

CONTACT

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SKILLS

- Python
- Pyspark
- Power BI reporting
- AWS services
- Pandas
- Mysql
- MongoDB
- Version Control Systems(Git,Github)
- Terraform
- Data modelling
- Databricks
- Excel

CERTIFICATIONS

- **Deep learning specialization**
https://www.coursera.org/account/
accomplishments/specialization/C7C4D3G382X5
- **IBM Data Science specialization**
https://www.coursera.org/account/
accomplishments/professional-
cert/QX54DPC432JM
- **Machine learning specialization**
https://www.coursera.org/account/
accomplishments/specialization/2MFETA983ZJD

PROFESSIONAL SUMMARY

Driven problem-solver with passion for designing innovative software solutions. Possesses solid understanding of programming languages and development frameworks, coupled with expertise in Power BI and Python. Committed to delivering impactful software products that enhance user experiences and drive business success.

WORK EXPERIENCE

Tata Consultancy Services Hyderabad, India   03/2022 - 08/2025
Python Developer, Data Analyst

- Specializing in supply chain operations, automation, and data-driven solutions. Managed B2B operations, including stock allocation, replenishment, and enhancing supply chain efficiency.Delivered high-quality support in SAP MM processes, ensuring seamless business operations, and timely issue resolution.
- Proficient in Python automation for infrastructure provisioning, significantly reducing deployment time, and minimizing errors. Designed and implemented Infrastructure-as-Code (IaC) solutions using Terraform for scalable, repeatable cloud deployments.
- Collaborated with DevOps teams to manage Git and GitHub workflows, enabling smooth CI/CD processes. Strong expertise in SQL development, including database schema design,stored procedures, performance optimization, backups, and migrations across environments.
- Skilled in creating Power BI dashboards, and advanced analytics for actionable business insights. Developed DAX measures, calculated columns, and custom KPIs, with real-time expertise in time intelligence functions.
- Integrated Power BI with diverse data sources, like SQL Server, SharePoint, and flat files, implementing slicers, filters, and drill-throughs for dynamic reporting. Published and maintained reports via Power BI Service to empower real-time decision-making for stakeholders.
- Designed and implemented data models supporting business reporting and analytics — applying Star/Snowflake schemas, normalization, and optimized indexing for large-scale datasets. Developed and maintained PySpark ETL pipelines to process and transform high-volume transactional data from multiple sources into Delta Lake tables in Databricks. Implemented advanced data transformations, aggregations, and joins using PySpark for supply chain forecasting and performance analysis.

EDUCATION

Rajiv Gandhi University Of Knowledge Technologies, Nuzvid   06/2015 - 08/2021

Graduated in CS with 9.0 GPA
Member of National Social Service [N.S.S], 2016 to 2020 and participated in related social awareness camps and volunteered in cleaning villages activity etc.