

Nityanand Madpathi

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SUMMARY

- Accomplished Data Analyst and Data Engineer with 3 years of experience in data analysis, data engineering, cloud computing, and DevOps.
- Skilled in Python, MySQL, MS SQL, Oracle SQL, PostgreSQL, NoSQL.
- Proficient in leveraging data to drive insights and decision-making with expertise in ETL, CI/CD pipelines, and Agile methodologies.
- Expert in data analysis and visualization using Excel, Google Sheets, Tableau, Power BI, and Metabase.
- Demonstrated history of providing thorough attention to detail, ensuring data accuracy, consistency, and meeting stakeholder expectations.

SKILLS

- **Programming languages:** Python, Java, C, C#, C++, R, JavaScript, HTML, CSS
- **Databases:** MySQL, MS SQL, Oracle DB, PostgreSQL, Snowflake, Teradata, Amazon RDS, Aurora, BigQuery, Azure SQL Database, Cloud SQL
- **Tools:** Tableau, PowerBI, Excel, Google Sheets, Looker, Informatica, Spark, Hadoop, Kafka, Airflow
- **Cloud Platforms:** AWS, Microsoft Azure, GCP

WORK EXPERIENCE

GREAT LEARNING – Hyderabad, India

October 2021 – June 2022

Data Analyst

- Spearheaded product monetization, increasing course sales by 65%. Created KPI reports and dashboards using Power Pivot and Tableau, reducing reporting time.
- Implemented ETL workflows using Amazon Redshift, PostgreSQL, and AWS Glue within the data warehouse, improving data processing efficiency by 30%.
- Increased lead conversion by 40%, and user engagement by 50% through demographic insights. Used Apache Spark and Hive for big data processing.

CAPGEMINI – Bengaluru, India

May 2019 – October 2021

Software Engineer

- Improved financial forecasting of banking products by 20%, rectified dataset errors with Python, SQL, and Teradata BTEQ scripts.
- Leveraged Hadoop and HDFS for big data processing and querying, optimizing data workflows.
- Utilized Azure Databricks for advanced data analytics and scalable processing, enhancing performance and efficiency.
- Automated data tasks with SAS, VBA, and Macros; created data models for warehousing, and analyzed trends, boosting operational efficiency by 15%.
- Developed data pipelines to support analytics and reporting, ensuring timely and accurate data availability. Provided insights from customer feedback, increasing retention rates by 10%.

PROJECTS

Real-Time Stock Market Data Pipeline

- Implemented real-time data pipeline for stock market analysis using Apache Kafka on AWS EC2. Integrated AWS S3, Glue, and Athena for scalable data engineering.

Netflix Clone on Kubernetes

- Developed CI/CD pipeline using Jenkins integrated with SonarQube and Trivy. Managed deployments with ArgoCD and Helm on AWS EC2, monitored with Prometheus and Grafana.

EDUCATION

Wichita State University, Kansas

August 2022 - May 2024

Master of Science in Computer Science, GPA: 4.0

CVR College of Engineering, Hyderabad, India

August 2015 - April 2019

Bachelor of Engineering in Computer Science, GPA: 3.62

CERTIFICATIONS

AWS Certified Developer, Google Data Analytics, Microsoft Azure az-900, Python, Java Spring Boot