**CHARAN SRINIVAS REDDY PERIPYDI MUNI**

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**PROFESSIONAL SUMMARY**

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Database Engineer and Data Analyst with proficiency in data analytics, SQL, Python, and cloud-based solutions, including AWS. Expertise in ETL/ELT processes, business intelligence, automation, and data storytelling. Skilled in high-availability database administration, recoverability, security, performance tuning, and troubleshooting. Looking forward to leveraging my skills in Progress OpenEdge administration and automation in a high-paced commercial environment.

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**TECHNICAL SKILLS**

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* Databases & Warehousing: AWS Redshift, Snowflake, BigQuery, MySQL, PostgreSQL, MS SQL Server, MongoDB, DocumentDB, DynamoDB, SQLite, Oracle, Firebase, Progress OpenEdge
* Languages: SQL (Joins, CTEs, Window Functions, Stored Procedures), Python, R, VBA, Java, Bash, YAML, JSON, HTML, CSS, JavaScript
* BI & Reporting Tools: Tableau, Excel (PivotTables, VLOOKUP, Charts), Power BI, Looker, Metabase, Google Data Studio, Superset
* ETL/ELT & Automation: Apache Airflow, dbt, NiFi, Talend, Tableau Server Scheduling, Redwood Scheduler, Crontab, Python Scripting, Shell Scripting, Informatica
* CRM & Cloud: Salesforce, AWS, GCP, Azure, HubSpot
* Other Tools: Git, JIRA, ServiceNow, Confluence, Bitbucket, Visual Studio Code, Notion, Slack, MS Teams, Agile/Scrum, Google Sheets

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**PROFESSIONAL EXPERIENCE**

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Data Analyst – Noesys Inc.

Sep 2023 – Present | Remote

Environment: Snowflake, Tableau, AWS Redshift, Python, Excel, SQL Server, Salesforce

* Performed root cause analysis on sales KPIs using SQL and Tableau, and presented insights to relevant teams.
* Developed and maintained Tableau dashboards monitoring business metrics such as conversion %, win/loss rate, churn, and pipeline stages.
* Designed ETL pipelines with Python, enhancing data refresh processes and reducing manual reporting time by 70%.
* Collaborated with Data Engineering to develop optimized data models for Snowflake to boost analytical queries.
* Established data collection standards and quality checks for CRM data sourced from Salesforce.
* Conducted ad-hoc analyses and translated complex data into visual insights for non-technical stakeholders.
* Automated report refreshes with Python and Excel macros, improving reporting turnaround times.
* Implemented advanced SQL logic for weekly and monthly business metric trends.
* Managed Tableau Server permissions, report publishing, and version control across reporting environments.
* Provided training and support to junior analysts on BI tools and efficient SQL queries.

Python/Data Intern – Young Minds, Tirupati

Nov 2021 – May 2022 | Remote

* Automated inventory tracking reports using Python and Excel macros, improving efficiency and accuracy.
* Developed RESTful APIs with Flask for dynamic product and inventory queries from MySQL.
* Performed exploratory analysis of sales trends using Python libraries and SQL joins.
* Designed dashboard mockups for potential Power BI and Tableau integration.
* Utilized Git and GitHub for version control and collaboration with mentors.
* Conducted data cleaning and transformation for product-level CSV data using Python libraries.
* Validated database schemas for metric reporting in Tableau dashboards.
* Created stored procedures to automate warehouse stock balance updates in SQL.
* Documented code and workflows for training and handoff purposes.
* Collaborated with backend and frontend developers to integrate APIs into UI mockups.

Data & Operations Associate – Falcon Imports

June 2019 – July 2021 | Michigan

* Maintained Excel-based sales tracking system, supporting business operations and order fulfillment.
* Utilized VLOOKUP and pivot tables for validating shipment records and identifying supplier pricing discrepancies.
* Created product-level inventory analysis reports using conditional formatting and custom charts.
* Assisted in ETL-like processes, merging supplier order data and converting formats for Shopify uploads.
* Wrote basic SQL queries for pulling order summaries from customer database.
* Managed vendor pricing lists and created VBA tools for auto-updating product sheets.
* Conducted forecasting meetings, using trend data for estimating Q3 sales.
* Collaborated with international vendors, ensuring accurate order processing.
* Conducted A/B comparison for pricing tiers to understand margin impacts.
* Automated customer response reports using Python and basic NLP sentiment analysis.

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**PROJECTS & VIRTUAL SIMULATIONS**

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Snowflake Data Dashboard – Utilized Snowflake and Tableau to create interactive dashboards with sales KPIs, filtering dimensions like product category and region.

API Uptime Monitor – Developed FastAPI + Python-based API monitoring tool to check response status, log downtimes, and send alerts via SMTP.

GCP Cloud Storage Automation – Utilized Google Cloud Functions and Python for storage access logs automation and cloud bucket file handling.

Ride Share Management System – Created a Tkinter + SQLite GUI tool for managing drivers, rides, and bookings.

E-Vehicle Charging Planner – Developed a Python-based project using distance matrix APIs for optimizing charge stops.

Soil Nutrient Detection via IoT – Collected sensor readings via Raspberry Pi and analyzed results in MySQL + Tableau.

Chatbot with Web Scraping + OpenAI API – Created a chatbot that scraped data from user-given URL and generated responses using OpenAI API.

Automated File Sorter – Created a Python script for automatically organizing files into date/type folders.

Server Activity Logger – Developed a Bash + Python script to monitor CPU and memory usage, saving logs in CSV.

WHAT WE SHOULD DRINK Web Game – Developed a single-page JavaScript web app with explosion effects and random alcohol quotes.

Verizon Cloud Platform Simulation – Designed a scalable architecture for data lake ingestion.

Walmart Software Engineering Program – Implemented Java heap structure.

Electronic Arts Engineering Simulation – Drafted a feature proposal.

PepsiCo Data Science Simulation – Built a regression model using sales data.

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**EDUCATION**

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M.S. in Information Systems, Central Michigan University — 2023

B.E. in Electronics & Communication, Anna University — 2019

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**CERTIFICATIONS**

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* Google Cloud Professional Database Engineer
* Red Hat Certified System Administrator (RHCSA)
* Business English Certification (Cambridge)
* Programming Certifications: Python, C, R
* CompTIA A+ (In Progress), Network+ (In Progress), Cisco Certified (Training)

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**ADDITIONAL SKILLS & INTERESTS**

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* Database Administration | Database Security | Performance Tuning | Cloud Migration | Disaster Recovery | Agile | Unix Scripting | High-availability | Recoverability | AWS
* Passionate about Ferrari, Gaming, French Language, and Personal App Development for O-1 Visa

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Available to relocate or work remotely. Willing to support clients in Central, Mountain, or Eastern time zones. Open to working PST hours.