GRISHMA REDDY PATLOLA

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**Professional Summary**

Results-driven Programmer Analyst at Cognizant Technology Solutions, skilled in SQL and data visualization. Successfully collaborated with senior analysts to enhance application performance and streamline data analysis processes.

Proficient in Python and dashboarding tools, demonstrating strong problem-solving abilities and a commitment to delivering impactful solutions.

SQL

Python

Pandas

NumPy

Matplotlib

Excel

Pivot Tables

VLOOKUP

Power BI

Tableau

Git

Jupyter Notebooks

MySQL

PostgreSQL

AWS S3

Azure

Data Cleaning

Dashboarding

Data Visualization

Exploratory Data Analysis (EDA)

**Technical Skills**

**Experience**

**Programmer Analyst Trainee** | Cognizant Technology Solutions | 06/2022 - 05/2023

Assisted in application development and maintenance across multiple client projects.

Collaborated with senior analysts to gather requirements, perform data analysis, and troubleshoot technical issues.

Developed and optimized SQL queries and participated in unit testing and documentation efforts.

**Education**

Florida Atlantic University | USA | 05/2025

**Master of Science**: Information Technology and Management

Gokaraju Rangaraju Institute of Engineering and Technology | India | 05/2022

**Bachelor of Technology**: Electronics and Communication Engineering

linkedin.com/in/yourprofile

**Websites, Portfolios, Profiles**

**Certifications**

Introduction to Databases & SQL Querying: Udemy Excel Purple Belt as assessed by McGraw Hill.

**Projects**

1.Hospital Appointment & Patient Data Analysis, Used SQL to analyze 1,000+ rows of hospital data to identify patient no-show patterns and peak booking times. Created a Power BI dashboard to visualize appointment trends, age groups and show-up rates. Reduced data noise by 40% using Python Pandas for preprocessing.

2.Smart City Transport & Road Safety Dashboard Designed an interactive Power BI dashboard using SQL and Excel to analyze traffic congestion, public transport efficiency, and accident hotspots. Delivered geospatial insights and trend analysis to support smart city planning and improve road safety.

3.Sales Trend Forecasting(Excel + Power BI), Analyzed 12-month sales data using Excel formulas and created a forecasting model. Developed interactive dashboards with filters and slicers in Power BI to support decision-making.

**Git Hub**

github.com/yourusername