P CHARAN SATYA DEV

CAREER OBJECTIVE

Detail-oriented and highly motivated individual with a strong foundation in **data analysis, visualization, Python, SQL, Excel and fundamentals of Azure and AWS**. Passionate about leveraging data insights to support business decision-making and integrating business tools with **cloud** technology. Seeking a **Data Analyst or Cloud computing** roles to contribute and grow within a dynamic team environment.

TECHNICAL SKILLS

Data Visualization Tools: Power BI.

QUERY Languages: MySQL, POSTGRE SQL.

Programming Languages: JAVA, Python (NumPy, Pandas, Matplotlib).

Spreadsheets: Microsoft Excel (Advanced: formulas, pivot tables, data cleaning, charts), Google Sheets.

Cloud technologies: AWS and AZURE.

PROJECT

Improving Security in Cloud Storage Using AWS IAM

Description:
This project demonstrates how to secure files uploaded to a cloud-based website using AWS services, with a focus on AWS Identity and Access Management (IAM). By integrating AWS IAM policies and roles, the project aims to ensure secure data handling, user authentication, and controlled access to resources. It provides a beginner-friendly approach to understanding cloud security on AWS.

Key Features:

- AWS IAM User Management: Created IAM users with specific permissions to access and manage the cloud storage.
- Role-Based Access Control: Defined IAM roles and policies to ensure fine-grained access control for different user groups.
- Data Encryption: Utilized AWS-managed keys (KMS) to encrypt files before storage on Amazon S3.
- Activity Monitoring: Enabled AWS CloudTrail to log and monitor user activities for auditing purposes.
- Secure File Uploads: Configured S3 buckets with IAM policies to restrict uploads and downloads based on user roles.

Data Analyst Job Market Analysis

- **Goal**: Analysed data from Luke Barousse's Python Course to identify **high-demand and high-paying skills** for data analyst roles in the U.S. job market.
- **Results**: Discovered key insights into skill trends, salary distributions, and optimal skills like **SQL, Python, and Tableau**, supported by **visualizations** such as bar graphs and scatter plots.
- **Tools Used**: Leveraged **Python** and libraries like **Pandas, Seaborn, and Matplotlib** to clean data, analyse trends, and create visualizations.

CERTIFICATIONS

Analyzing financial data with python: Certificate from Codecademy.

Career Essentials in Data Analyst: Certificate from LinkedIn through Microsoft.

Digital forensics: Certificate from Swayam.

Microsoft PL-300: Preparing for the Microsoft Power BI certification exam.

SOFT SKILLS

Communication Skills, Problem-Solving, Attention to Detail, Time Management, Collaboration, Critical Thinking, Adaptability, Teamwork, Decision-Making, Creative Thinking.

EDUCATION

AURORA PG COLLEGE | Osmania University

Master of computer Applications (MCA) – 6.8 GPA– 2022-2024

-Completed a rigorous curriculum in Programming languages like, python, C, Java, SQL. Also, Computer Networks, Cloud Computing, Database Management Systems, etc.

LITTLE FLOWERS DEGREE COLLEGE | Osmania University

Bachelors of Commerce (B.Com) – 8.22 GPA – 2019-2022

-Completed a 3-year full time program in commerce, gaining foundational knowledge in business, accounting, trading, and organizational management.

ADDITIONAL INFORMATION

Languages Known: English, Telugu, Hindi.

Extra curriculars: Basketball, Volleyball, Chess, Drawing.

DECLARATION

I declare that the information provided above is true and complete to the best of my knowledge.

P CHARAN SATYA DEV.