

Pentapalli Uday Kumar

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Portfolio 🔗 : <https://uday-102004.github.io/Portfolio/>

PROFILE

Motivated and detail-oriented Data Analyst with strong proficiency in Python, SQL, and data visualization. Currently pursuing a B.Tech in Computer Science & Engineering. Successfully completed a virtual internship at Infosys Springboard, developing a Budget Tracker to automate expense management and enhance data analysis. Certified in Python, SQL, and DBMS fundamentals. Skilled at analyzing complex datasets, deriving insights, and solving real-world problems. Eager to apply analytical skills to drive data-driven decision-making in dynamic organizations.

EDUCATION

GITAM University

2022 - Present

B.Tech, Computer Science & Engineering

INTERNSHIP

Infosys Springboard

Infosys Springboard — *Web Developer Intern*

Oct 2024 – Dec 2024

- Developed a Budget Tracker web application using Python, SQL, HTML, and CSS to streamline expense tracking and analysis.
- Managed and processed over 1,000+ financial transactions with full CRUD operations, ensuring efficient data management.
- Automated expense calculations, reducing manual efforts by 50% and enhancing data visualization using Excel tools.

PROJECTS

Budget Tracker Application

- Built a full-stack budgeting tool to categorize expenses, analyze spending habits, and visualize financial patterns.

Sales Data Analysis

- Analyzed 50,000+ sales records using Pandas and Matplotlib, identifying key trends that improved business insights by 30%.

SKILLS

- **Programming & Tools:** Python (Pandas, NumPy, Matplotlib), SQL (Joins, Queries, Data Extraction)
- **Data Visualization & Analysis:** Data Visualization (Excel, Matplotlib), Data Analysis
- **Web Development:** Web Development (Django, HTML, CSS)
- **Soft Skills:** Analytical Thinking, Problem Solving

CERTIFICATIONS

- **Python Foundation Certificate** – Aug 2024
- **TCS iON Career Edge - Young Professional** – Mar 2025
- **Database Management System – Part 1** – Aug 2024
- **Infosys Internship (Budget Tracker Application Completion)** – Jan 2025