

Yudava Roopnarine

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Professional Summary

Results-driven Computer Science graduate with hands-on experience in building full-stack web applications and data pipelines. Proficient in Python, SQL, and RESTful APIs with a solid foundation in backend development, ETL workflows, and scalable code practices. Passionate about continuous learning and delivering clean, maintainable software solutions.

Education

Bachelor of Science in Computer Science

Queens College, New York City, USA

Graduated: December 2023

Technical Skills

- Languages: Python, SQL
- Web Development: HTML, CSS, Flask
- Databases: PostgreSQL
- Tools & Technologies: Git, GitHub, pgAdmin, RESTful APIs, JSON
- Concepts: ETL, CRUD operations, MVC, Data Modeling

Projects

- ETL Log Pipeline
 - Developed a modular ETL pipeline to process and normalize log data formats (CSV, JSON, TXT).
 - Loaded transformed data into PostgreSQL for analysis and monitoring.
 - Implemented execution logging to streamline debugging and auditing.
- Expense Tracker
 - Built a full-stack expense tracker using Flask and PostgreSQL.
 - Implemented user login, categorized transactions, and real-time summaries.
 - Styled frontend with HTML and CSS for a responsive interface.
- Weather Dashboard
 - Developed a responsive web app using Flask and the OpenWeatherMap API.
 - Implemented city-based search functionality and displayed 5-day forecasts.
 - Designed a clean frontend interface using HTML and CSS.
- E-commerce Platform

- Designed and developed a basic e-commerce site with product listings and cart functionality.
- Managed user sessions and routing with Flask; stored data using PostgreSQL.
- Styled frontend with mobile responsiveness using HTML and CSS.

Certifications & Courses

Complete Data Science Bootcamp – Udemy

Date Completed: August 2023

Covered Python programming, data structures, NumPy, statistics, data cleaning, feature engineering, regression models, Scikit-learn, and end-to-end data science projects.