Lakshika Saini

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PROFILE

Computer Science Engineer with 2 years of experience in data engineering and cloud solutions. I have a strong background in programming and skills in building scalable and efficient systems. I excel at solving complex technical problems and working with business stakeholders to ensure solutions meet strategic goals.

EDUCATION

Thapar Institute of Engineering and Technology *Patiala, India*
Bachelor of Engineering in Computer Science 2019 – 2023
- Graduated with 8.12 CGPA

SKILLS

Technical: C, C++, Python (OOPs, PySpark), Shell Scripting, SQL (MySQL, PostgreSQL, SQLAlchemy), Flask, HTML, CSS, Bootstrap, ETL, Data Visualization, OpenPyXL
Tools: AWS (S3, Redshift, IAM, Glue, Cloud Formation, Cloud watch, Redshift, RDS), Tableau, Excel

EXPERIENCE

ZS Associates *Gurgaon, India*
Business Technology Solutions Associate July 2023 – Present
- Automated manual tasks using Shell and Python scripting, improving operational efficiency.
- Delivered data engineering solutions with Python, SQL, and AWS services within Agile methodologies.
- Participated in requirements-gathering sessions with multiple business leaders to align technical solutions with business needs.
- Designed UI mock-ups, managed operations projects and authored key documentation (SOP, BRD, FSD, UAT Summary) to support project delivery.
- Mentored new associates, providing guidance on technical concepts and best practices.

Seneca Global IT Services Private Limited *Hyderabad, India*
Python Developer January 2023 – June 2023
- Developed a backend application for automating processes
- Streamlined data management and integration of interconnected excel sheets using python scripts with Flask and SQLAlchemy

PROJECTS

Data Engineering Full-Stack Data Product
- Built an end-to-end pipeline integrating multi-vendor data into **AWS S3**, processed via **Glue workflows**, and modelled in **Redshift** for **Tableau dashboards** and **React.js portals**.
- Automated ingestion and transformation using **Python, SQL, and AWS**, improving data reliability and enabling faster, insight-driven business decisions.

Flask–Tkinter Integration Application
- Refactored an existing **Tkinter desktop app** by decoupling business logic from UI, enabling integration with **Flask APIs** as a web backend, and designed UI mock-ups for seamless migration.

EXTRACURRICULARS

- Unique World Record (2017) - Most Random digits memorized in one minute