

Biswas Shrestha

Data Engineer | Business Analyst

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PROFILE

Solutions-driven data engineer with 3 years of experience architecting scalable data pipelines and infrastructure using Python, PostgreSQL, and other data engineering tools. Specialized in data warehousing, ETL processes, data modeling, and data analytics. Adept at collaborating with technical teams and stakeholders across domains to implement data-driven solutions efficiently. Passionate about applying machine learning and AI techniques to derive insights from structured and unstructured data.

- Developed real-time data pipelines with Python and PostgreSQL
- Delivered complex IT projects on time and on budget.
- A track record of driving progress and achieving objectives.

SKILLS & ABILITIES

• Data Warehousing and Modeling • ETL Processes and Pipelines • Cloud Data Platforms (Azure, AWS) • Data Engineering • Data Visualization (Power BI, Tableau) • Data Analysis • Machine Learning (Scikit-Learn, Keras) • Microsoft Fabric • Azure Data Lake • Apache Spark • Software Development • Object Oriented Programming (Python, Java) • Databases (MySQL, PostgreSQL, Microsoft SQL) • Excel • Solution Oriented professional • Skilled cross-functional communication • Skilled Collaboration • Leadership • Innovative • focused • Rapid and Adaptive • Decision making

EXPERIENCE

FREELANCER

2020 - 2023

- Built scalable data pipelines for clients using Python, Airflow and PostgreSQL to automate ETL of terabytes of data daily.
- Developed machine learning models to extract insights from textual data using NLP techniques.
- Created real-time data pipelines to acquire, transform, and load data into clients' systems using Python, and PostgreSQL
- Gained expertise in data engineering, machine learning, and web development through freelance projects.
- Expanded my professional network by collaborating with clients and other developers around the world.

SOFTECH FOUNDATION

Kathmandu, Nepal

Software Engineer

2018 - 2019

- Designed a data warehouse in SQL Server to consolidate user profile data from multiple systems.
- Implemented ETL processes to migrate and transform legacy data for analytics.

EDUCATION & CERTIFICATION

TRIBHUVAN UNIVERSITY

Kathmandu, Nepal

Bachelor of Computer Science and Information Technology

DALARNA UNIVERSITY

Falun, Sweden

English for Academic Purpose

MICROSOFT PROFESSIONAL PROGRAM FOR DATA SCIENCE ON MICROSOFT
CAREER ESSENTIALS IN BUSINESS ANALYSIS BY MICROSOFT AND LINKEDIN
DATA ANALYTICS ESSENTIALS ON CISCO NETWORKING ACADEMY
DATA ENGINEERING FUNDAMENTALS ON EDX BY IBM
POWER BI FOR DATA ANALYSIS ON UDEMY

VIRTUAL INTERNSHIP ON DATA ANALYTICS AND VISUALIZATION BY ACCENTURE

VIRTUAL INTERNSHIP ON POWER BI JOB SIMULATION BY PWC