



Biswas Shrestha

Data Engineer & Business Analyst

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Summary

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.

- Delivered complex projects on time and within budget.
- A track record of driving progress and achieving objectives efficiently and on time.

Projects

Real-Time Monitoring and Visualization of Earth's Temperature

- Built a pipeline for collecting and integrating temperature data from sources such as NASA EOS satellites and Berkeley Earth.
- Created interactive visualizations and dashboards using maps and charts to display and analyze the data.

Data Analytics and Visualization for a Social Media

- Collected and integrated data from various sources including databases, logs, and APIs.
- Cleaned and modeled the data for analysis.
- Built a dashboard to visualize data and present actionable suggestions for the client.

Experiences

BIKETRACE AB

Back End Developer

Stockholm, Sweden

2023

- Developed an in-house data pipeline to ingest real-time chat logs from multiple sources which reduced complexity and improved efficiency by 15% by lowering system idle time.
- Built analytics dashboards in Power BI for insights on user engagement and system performance which increased productivity.

Freelancer

Data Engineer

Stockholm, Sweden

2022-2025

- Migrated an on-premise data warehouse to Azure with Azure Data Factory for ETL processes, Azure Data Lake for storage, and Azure Databricks and Azure Synapse Analytics for data processing and analytics.
- Built scalable data pipelines for clients to automate the ETL/ELT process using different services.
- Started exploring Microsoft Fabric for some of our newer initiatives.
- Expanded my professional network by collaborating with clients and other developers around the world.
- Expanded my professional network by collaborating with stakeholders.

Technical Skills

Data Concepts

Data Analysis, Data Warehousing, Data Pipelines, ETL, Data Governance, Data Architecture

Cloud Platform

AWS, Microsoft Azure, Google Cloud Platform (GCP)

Data Visualization

Power BI, Tableau, Looker, QuickSight

Programming & Databases

Python, Java, MySQL, PostgreSQL, Microsoft SQL Server, KQL

Tools

Git, GitHub, Microsoft Fabric, Apache Spark, Excel, Snowflakes, Docker, Kubernetes, Terraform

SoftSkills

Solution Oriented, Communication and Collaboration, Leadership, Innovative, focused, Rapid, Adaptive and Agile

Education

Dalarna University

English for Academic Purpose

Falun, Sweden

Tribhuvan University

Bachelor of Computer Science and Information Technology (BSc. CSIT)

Kathmandu, Kathmandu

Certifications

- [1] MICROSOFT CERTIFIED: FABRIC ANALYTICS ENGINEER ASSOCIATE (DP-600)
- [2] MICROSOFT CERTIFIED: FABRIC DATA ENGINEER ASSOCIATE (DP-700)
- [3] AWS CERTIFIED MACHINE LEARNING ENGINEER – ASSOCIATE (MLA – C01)
- [4] Microsoft Certified: Azure Fundamentals (AZ-900)
- [5] AWS Certified Cloud Practitioner (CLF-C02)
- [6] Salesforce Certified AI Associate
- [7] Snowflake: SnowPro Associate (SOL - C01)