

# Danayt Bulom

## Data Engineer

A Junior data engineer with a software engineering background who takes pride in building and monitoring data processing systems. She is proficient in Python and SQL. She is also experienced in Apache frameworks such as Kafka, Spark, Airflow for building and maintaining data pipelines.



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## SKILLS

Python

SQL

Looker

ELT/ETL pipeline tools

Visualization

Machine Learning and Optimization

Kafka

dbt

MLOps and CI/CD

MySQL and PostgreSQL

Team Collaboration

## LANGUAGES

English

Full Professional Proficiency

Amharic

Native or Bilingual Proficiency

Tigrigna

Native or Bilingual Proficiency

## EDUCATION

### Data, ML & Web3 Engineering Intensive Training 10 Academy

04/2021 - 07/2022

Remotely

Courses

- Data Pipeline
- Tech stack building
- Machine learning Modeling
- Technical Reporting
- Data Cleaning
- Advanced Python and SQL
- MLOps with DVC and MLFlow
- AWS

### BSc. Software Engineering Addis Ababa Institute Of Technology

09/2015 - 10/2021

Addis Ababa, Ethiopia

Courses

- Fundamentals of Database
- Basics and Advanced Object - Oriented Programming
- Statistics
- Database Administration
- Web Development
- Fundamentals of Programming
- Big Data
- Discrete Mathematics
- Data structure and algorithm

## WORK EXPERIENCE

### Software Developer PGM Sustainable Harvesting PLC

02/2021 - 11/2022

Addis Ababa, Ethiopia

Working on Enterprise Resource Planning (Odoo ERP) System which is Python and PostgreSQL based. The system is a cloud based. Currently our database can handle more than 50 users simultaneously and can also handle up to 5000 daily visitors, there are more than 80 active users right now. I am responsible for all tasks and achievements listed below on Manufacturing and Project modules.

Achievements/Tasks

- Simplified working process of a company by implementing Odoo ERP system with my colleagues which now has over 80 active users and is handling more than 200 daily transactions,
- Improved efficiency of the company by working closely with the business side to collect data and to perform gap analysis. After carrying out configuration, such as setting up the system to include their daily business processes, performed data cleaning and imported the data into the system,
- Managed to perform customization by accepting new requirements from end-users such as adding new fields,
- Provide on-job trainings after production and assist with technical support.

## PROJECTS

### AgriTech

- Produced a python module that domain experts and data scientists can use to fetch, visualize and transform publicly available satellite and LIDAR data.

### Speech-to-text data collection

- Using technologies like Kafka, Airflow, Spark and Flask as a team developed a pipeline that can allow recording thousands of Amharic speakers reading digital texts in a web platform.