

Haylemicheal Mekonnen

DATA ENGINEER

A junior data engineer with two years of experience. Well-versed in database design, SQL, Object Oriented Programming, python, and data warehousing. working knowledge of spark, airflow, kafka, and the Data Build Tool. Capable of developing ETL pipelines, machine learning modeling, data processing, data visualization, and Dockerization

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WORK EXPERIENCE

Junior Software Engineer

dVentus Technologies

08/2021 - Present

Addis Ababa

Achievements/Tasks

- Designed and built an android app for clients to manage their own energy meter data and events
- Successfully improved the calibration time of 20 digital meters from 100 minute to 5 minute by writing a parallel automation software
- Enhanced the diagnosing of digital energy meters by creating a software for reading more than 10 internal data parameters
- Setup, configured, controlled and maintained more than 5 servers like nightly build, archive, repository servers, and others

Intern Software Engineer

iCog Labs

02/2019 - 01/2020

Achievements/Tasks

- Collected and preprocessed data for topic modeling of bank documents
- Constructed 2 models of generative adversary network for sketch to face generation of white and black
- Planed and accomplished a software for the human resource manager to manage employees easily

EDUCATION

Bachelor of Computer Engineering

Addis Ababa Science and Technology University

09/2015 - 02/2021

3.6

Relevant Courses

- | | |
|------------------------------------|--------------------|
| - Object Oriented Programming | - Database Design |
| - Data Structure and Algorithms | - Image Processing |
| - Software Design and Architecture | |

Machine Learning, Data Engineering, and Web3

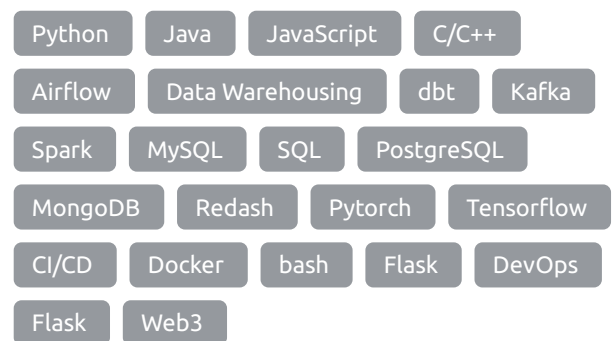
10 Academy

08/2022 - 11/2022

Skills

- | | |
|---|---|
| - Designing and building data pipelines | - ML Model Building, Evaluation, and Deployment |
| - Technical Writing and Blogging | - Collaboration, Teamwork, and Leadership |

SKILLS



PERSONAL PROJECTS

Data Warehouse for city traffic department

- Established a data-warehouse that will host the vehicle trajectory data extracted by analyzing footage taken by swarm drones and static roadside cameras using airflow, dbt, and Redash.

Speech to Text Data Collection

- Created a data collection tool for Amharic language speech to text model building using Airflow, Kafka, PostgreSQL, and NextJs

Computer Vision for Creative Optimization

- Produced a machine learning based computer vision algorithm that evaluates the engagement rate and click through rate of an advertisement creatives.

Pharmaceutical-Sales-Prediction

- Built a model of sales forecasting for a company with multiple stores based on historical sales data and store attributes.

VOLUNTEER EXPERIENCE

Technical Mentor in University of Gondar GCC program (06/2018 - 10/2018)

Developed tutorials and delivered sessions on Front-end, Back-end, and database design to 50+ learners.

Team Lead in SheTechs (11/2018 - 01/2021)

Prepared 5+ seminars, 20+ tutorials, and 1 coding competition in our University for 200+ technology enthusiast Students