

Hiwot Woldesemayat

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Cloud Software | Data Engineer

Highly motivated data engineer looking for a challenging role to use my skills in frontend and backend software development, ETL pipeline design, data warehousing, and automation. Skilled at automating mundane operations for better efficiency.

TECHNICAL SKILLS

Web: HTML, JSON

Languages: Python, Javascript, Unix

Frameworks: Flask, React

Web Services: RESTful Web Services

Cloud Services: AWS, Azure

Database/DW: sql, snowflake

Tools: AutoSys, PowerBI, Terraform,

Jenkins, Auto SDLC, CI/CD Pipeline,

Bitbucket, Git, GitHub

Monitoring and Alerting Tools: Leela,

Grafana, PagerDuty

EDUCATION

THE KNOWLEDGE HOUSE, New York, NY

July 2022 – Present

Web Developer Fellow

- Enrolled in Web Development innovation program
 - Build HTML, CSS, JavaScript/React, UX/UI design skills by participating in a project-based, software engineering curriculum with 400+ hours of technical instruction
- **Graduated in Data Science** (July 2021 - August 2022)
- **AWS Cloud Practitioner certified** (Certificate# C8BNEVGCTEQE199J)

TOURO COLLEGE, Middletown, NY

August 2017 - May 2018

Masters of Science in Biological and Physical Sciences

UNIVERSITY OF VIRGINIA, Charlottesville, VA

August 2007 - May 2010

Bachelor of Arts in Biology

EXPERIENCE

FDM | MORGAN STANLEY, Alpharetta, GA

Jan 2022 – Present

Cloud Data and Site Reliability Engineer

- Designed and developed applications and ETL data pipelines using Python, Flask, Unix and SQL for frontend development, data extraction, transformation, and loading processes, and created compelling visualizations of data using Power BI
- Worked closely with agile teams to develop and maintain stable and reliable frontend and backend web applications, managing deployments and providing ongoing support for production environments
- Automated scripts using AutoSys, Python, and Unix to streamline routine tasks
- Monitored applications using Leela and Grafana and set up alerting system using PagerDuty
- Maintained and optimized data warehouse solutions using Snowflake to support efficient data analysis and reporting
- Analyzed data to identify opportunities for improving operational stability and reliability, and collaborated with cross-functional teams to develop and implement effective solutions

THE KNOWLEDGE HOUSE, Bronx, NY

Jul 2021 – August 2022

Data Science Fellow

- Completed an immersive project-based data science curriculum, including 400+ hours of technical and professional development, to enhance programming skills, data cleaning, analysis, modeling, visualization, and managing large data sets using Python and SQL
- Executed user research and agile methodology principles to develop Minimum Viable Products (MVPs) for capstone projects, addressing market opportunities with creative technical solutions
- Leveraged project management, communication, and presentation tools such as Trello, Jira, Slack, and Google Suite to successfully collaborate with cross-functional teams and deliver high-quality projects
- Developed and implemented machine learning models using frameworks such as Linear Regression, Logistic Regression, Decision Tree, Naive Bayes, k-Means, and Random Forest to solve complex business problems and extract meaningful insights from data
- Conducted thorough data analysis and visualization to communicate insights effectively to both technical and non-technical stakeholders

WEILL CORNELL MEDICINE, New York, NY

March 2020 – Jan 2022

Clinical Tech

- Supported day to day operations by working with IT and Epic team on Epic departmental workflow to improve user experience
- Assisted physicians with patch testing and clinical procedures and conducted patient intakes and referred to appropriate physician for further examination