

ZELALEM MEKONNEN

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CAREER SUMMARY

- **Experience:** 1.5+ years as Data/System Engineer with a large company in the HealthCare Industry.
- **Languages:** Python, C, GoLang, Bash, SQL, html/css
- **Tools:** Django, Terraform, Ansible, Terradata, Git/Github, AWS (EC2, Lambda, Glue, EventBridge), PySpark,
- **Working Environment:** Agile (2+ years)

PROFESSIONAL EXPERIENCE

SYSTEMS ENGINEER, CIGNA HEALTHCARE

02/28/2022 - 02/28/2023

- *Cigna: Fortune Top 20 healthcare company, serving over 190 million people.*
- Designed and developed business-focused data models using Python and PySpark.
- Engineered and maintained ETL workflows via AWS services (Lambda, Glue, S3), streamlining data extraction, transformation, and loading from multiple sources into a data warehouse.
- Experience with Terraform, Ansible, Docker, and some GoLang for IAM roles.
- Collaborated closely with the data management team, ensuring data infrastructure adhered to business requirements and compliance standards.
- Employed Terraform for infrastructure as code and AWS resources automation .
- Authored Bash scripts for ETL process automation and infrastructure deployment.

AUTOMATED DATA PROCESSING AND IMAGE UPLOADING TO S3

GITHUB.COM/ZELALEMMK/SHOPIFY_CSV_PYTHON

06-22-2023

- Developed a Python script for efficient eCommerce product data handling, including manipulation and segmentation of large CSV files.
- Introduced image management via Amazon S3 and designed a command-line interface for streamlined file input.
- Incorporated parallel programming concepts for enhanced performance. Conducted data integrity checks for Shopify compliance, improving reliability of product data uploads and overall system robustness.

EDUCATION

BA INFORMATION TECHNOLOGY

Trevecca Nazarene University | 2021

- *Relevant course work:* Algorithms and Data Structure, Computer Networking, Software Architecture