

Noah Kusaba

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Education

Queen's University

- Mechanical Engineering (Honor's, Dean's)

Kingston, ON

2018 – 2021

Certifications

- AWS Certified Data Analytics/Engineering – Specialty

Aug 2023

Experience

Senior Data Engineer

Charleston, SC

Bear Cognition

June 2023 – Present

- Automated a S3 to Snowflake data migration process, cutting storage costs by 50% and CPU costs by 60%.
- Establish ETL data pipelines scripts with Python using Prefect workflow orchestration.
- Manage and develop Kubernetes deployments on AWS EKS using Fargate pods.
- Develop GraphQL API using Flask and Graphene with authentication token.
- Miscellaneous data management & deployments using AWS, GC, Snowflake, Docker, DBT.

Data Engineer Intern

New York City, NY

Overtone AI

March 2023 – June 2023

- Developed ETL pipelines transforming audio news to text for use in ML models categorizing news segments,
- Develop Looker dashboards, providing analytics for prospective clients.
- Google Cloud Platform Tools: Big Query, VM, Speech-to-Text API, Sentiment Analysis API.
- Technologies: Python, SQL.

Software Engineer (Data)

Tokyo, Japan

Green Pastures

May 2019 - Present

- Design & manage Shopify website, selling raw and roasted coffee beans imported from Nigeria & Peru.
- Developed a Tableau sales dashboard tracking business KPI's, which helped increase sales by 60 % in revenue.
- Developed ETL data pipelines using Shopify API using Fivetran, DBT, Snowflake.
- Automated supply chain management and sales load balancing through Python scripting and AWS deployments.

Data Engineer

New York City, NY

Jigsaw Labs

Jan 2023 – March 2023

- Part of the six-month 600+ hour project-based course studying both backend and data engineering
- *Backend*: Python, SQL, and Flask development, while implementing design patterns like Adapter, MVC, and ORMs
- *Data Engineering*: Designed ETL/ELT data pipelines using Fivetran, Snowflake, and DBT with Airflow.
- *Other Technologies*: DevOps using: Docker, AWS (EC2, RDS, S3, Redshift). Data Analytics using Tableau.

Project: Fighting Map Tracker

- Dashboard tracking major fighting events (MMA, BJJ, Boxing, etc.) integrated with map UI to specify locations.
- Front-end hosted written in React.js, CSS, and Map (LeafletJS), and hosted on Vercel.com
- Web-scrappers written in BeautifulSoup & Selenium scheduled via Apache Airflow and hosted on AWS EC2.
- Data cleaned in Python ETL process with location coordinates derived from Google Maps API.
- Back-end REST API written in Python Flask with a PostgreSQL database, and hosted on Render.com

Technical Skills

- *Data Engineering*: ETL/ELT development, Data warehousing.
- *Programming Languages*: Python, JavaScript, SQL, Shell Scripting.
- *API Development*: REST & GraphQL (Flask, Django, Graphene).
- *Cloud Computing*: AWS, GC.
- *CI/CD*: GitHub Actions, GitLab.
- *DevOps*: Docker, Kubernetes,
- *Orchestration*: Prefect, Apache Airflow.
- *Technologies*: Apache Spark, DBT, Fivetran, Snowflake.