TREVOR OPHELDERS

SOFTWARE ENGINEER

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TOphelders
647-267-9944
Toronto

LANGUAGES

Python
JavaScript
TypeScript
Java
Rust
HTML / CSS
SQL

TECHNOLOGIES

AWS / GCloud
Docker
Kubernetes
React
GIT
Kafka
Airflow
DBT

EDUCATION

BSE (Software Engineering)
University of Waterloo
2012 - 2017

INTERESTS

Web Development - Full Stack
Data Engineering
Security
Reading
Music
Winter Sports

EXPERIENCE

Base13 Labs
FULL STACK DEVELOPER — **APR 2022 - PRESENT**

- Worked with the founders to add onboarding and free tier service to FloSQL.
- Technologies used include Python and FastAPI on the backend, and TypeScript and React on the frontend.
- Currently building scannercardly.com using the tech above.

theScore
TEAM LEAD - DATA ENGINEERING — **MAR 2021 - MAR 2022**

- Took over leading a team of 6 Data Engineers seeing through the launch of theScore Bet in Canada.
- Led the deployment of new technologies to handle increased loads expected from Canada launch and growth.
- Took responsibility for maintaining the Analytics, Tracking, and Regulatory Reporting systems.
- Led the hiring and onboarding of 4 new employees.

theScore
SENIOR SOFTWARE DEVELOPER — **SEP 2020 - MAR 2021**
SOFTWARE DEVELOPER — **FEB 2018 - SEP 2020**

- Developed and deployed a mission critical reporting system for regulatory bodies in both Canada and the USA.
- Worked to modify Airflow to suit internal needs, such as reading DAG formats from JSON and prioritzing tasks across DAGs.
- Migrated deployments from Ansible / EC2 to Docker / Kubernetes.
- Wrote Python scripts to generate and upload financial reports to regulators and other partners daily.
- Developed an internal website in TS / React / Flask to automatically generate airflow tasks through a GUI.

Ruby
FULL STACK DEVELOPER — **SEP 2017 - FEB 2018**

- Utilized React, Redux, and Immutable.js to overhaul client-side navigation and integrated it with the legacy platform.
- Developed backend microservices written in Java - using technologies such as Spring, Elasticsearch, and Kafka.

PROJECTS

sophelders.ca

- An artist portfolio built to run on GCloud free tier VMs.
- API built using Rust and Axum, running in docker.
- Frontend built with TypeScript and Preact to minimize footprint.