TREVOR OPHELDERS
SOFTWARE ENGINEER

✉ t.ophelders@gmail.com
 TOphelders
📞 647-267-9944
🏢 Toronto

LANGUAGES

Python
JavaScript
TypeScript
Java
Rust
HTML / CSS
SQL
BASH

TECHNOLOGIES

AWS / Google Cloud
REST / HTTPS
Docker
Kubernetes
Node.js
Postgres / MySQL / NoSQL
GraphQL
Linux / Unix
GIT
Kafka
Airflow
DBT

FRAMEWORKS

React
Flask
FastAPI
Express
Spring

EDUCATION

BSE (Software Engineering)
University of Waterloo
2012 - 2017

INTERESTS

Web Development - Full Stack
Data Engineering
Security

EXPERIENCE

Base13 Labs
FULL STACK DEVELOPER   APR 2022 - PRESENT

- Worked with the founders to add onboarding and free tier service to the FloSQL web product.
- Developed frontend navigation in React, and deployed RESTful APIs on the backend using Docker / Kubernetes.
- Worked on the backend to add Postgres migrations to deploys.
- Investigated existing bugs in code and wrote unit tests to prevent regressions onced fixed.
- 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 TypeScript / 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.
- Saw through the web overhaul to production release.
- Developed backend microservices written in Java - using technologies such as Spring, Elasticsearch, and Kafka.
- Participated in Agile development methodology, including daily standups and biweekly retrospectives.

PROJECTS

sophelders.ca

- An artist portfolio built to run on GCloud free tier VMs while still meeting design and functionality expectations.
- Utilizes a RESTful API built using Rust and Axum, run in docker.
- Frontend built with TypeScript and Preact to minimize footprint.