Justin Cooke / Cloud Support Technician

Contact

e: jstncooke@gmail.com   **t:** (613) 869-4251   **w:** jstnck.github.io

Work Experience

Beam Data / Cloud Computing Consultant
MARCH 2021 - PRESENT | TORONTO, ON

- Start-up Client: Redeployed AWS infrastructure from a manual point and click system to full IaC automation using CloudFormation and Ansible.
- Academic Client: Manage the cloud computing resources and data assets of large data research project, including data governance and training researchers on Azure.

KAR Global / Data Engineer
JANUARY 2022 - NOVEMBER 2022 | TORONTO, ON

- Datawarehouse Migration: Successfully completed a full migration from Redshift to Snowflake, including all database objects, ETL pipelines and backups.
- Data Pipelines: Lead data engineer on implementing dbt for in-database transformations, ETLs developed using Airflow, Kubernetes, Python.
- Unit/Integration Testing and Deployment: Automated the testing process for new ETLs with pytest and tox, Sonarcloud code coverage, CICD using Azure Devops.
- Data Modeling: Designing Datawarehouse environments for testing, development, and production. Data modelling using star/snowflake and denormalized schemas.

Ontario Government, Min. of Children, Community & Social Services / Sr. Research Associate
AUGUST 2016 - JANUARY 2021 | TORONTO, ON

- Project Management: Lead Researcher and project manager on high priority data integration project linking multiple complex datasets.
- Analytics: Built Web Portal and Dashboards for Ontario immigration data. Data cleaning and analysis for policy and program development.
- Privacy & Governance: Managed the development of a Privacy Impact Assessment governing a PII data pipeline.

The Conference Board of Canada / Economist
JUNE 2011 - MARCH 2015 | OTTAWA, ON

- Lead economist covering Canadian Territorial economies, conducted interviews with both local and national media.
- Designed, estimated, and maintained econometric and fiscal forecasting models.
- Created customized economic impact and policy studies.

Key Skills

CLOUD / DEVOPS
AWS (experienced)
Azure (experienced)
GCP (beginner)
Ansible
GitLab
Docker
Kubernetes

SYSTEMS ADMINISTRATION
Windows Server
Active Directory
Powershell
Linux Admin
- RedHat
- Debian
- Bash

PROGRAMMING
Python
SQL
C#
R
JavaScript

DATA STORAGE
Postgres
Elasticsearch
Snowflake
BigQuery

DATA GOVERNANCE
Database Admin
Data Security
Privacy Analysis
PII Policies

Education

Oregon State University
BSc, COMPUTER SCIENCE
2025 | REMOTE

WeCloudData
DIPLOMA, DATA ENG.
2021 | TORONTO, ON

Queen's University
MA, ECONOMICS
2016 | KINGSTON, ON

University of Guelph
BCOMM, ECONOMICS
2009 | GUELPH, ON