

Laurent Risser | GCP/AWS Bilingual Data Engineer

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Skills

Programming: Python | Linux | R

Databases: MySQL and NoSQL

Version control: GitLab, Github, Git

Cloud Computing:

GCP (Cloud Function, Cloud Run, Data Proc Pub-Sub, Storage, Cloud SQL),

AWS (Lambda Function, Fargate, S3, EC2, ElasticSearch, Quicksight, redshift, RDS)

Visualization: Tableau, QuickSight, Looker

Certification: AWS Certified Cloud Practitioner, August 2020

Professional Experience

February 2021 – Present: Data Engineer, [GENAIZ](#)

- Developed several ETL pipelines with Cloud Function, Cloud Run, Data Proc and Pub-Sub to ingest files from Google Drive and SharePoint
- Investigated and proposed a data architecture using GCP to the leader team
- Scaled up the existing pipeline to ingest massive amount of data from several source (SharePoint, Google Drive, Egnyte)
- Developed an HTTP API for file transfer internally
- Built several automatic tools to extract and transform various files (text, tables, images) into a standard document for internal usage
- Reduced usage cost of GCP by 20% after reviewing the architecture.
- Used docker file, Makefile and Cloud Build to deploy micro-services into GCP
- Integrated CI/CD for deployment into GCP for automatic deployment with Cloud Build.

August 2019 – February 2021: Bilingual Client Support Analyst, [Apexa Corp](#)

- Tracked, manage and resolve technical client's issues using JIRA
- Used SQL to extract data from the onsite database
- Provided a weekly report from the call center and data validators using Tableau and Python to the senior leadership team.
- Helped the development by testing an upcoming new sprint release using a testing environment

Projects

My website: <https://www.laurent-risser-resume.com/>

How to monitor a political movement on Twitter using AWS– [GitHub](#) - [Article 1](#) – [Article 2](#)

- Project focused on how to build an ETL using AWS services from Twitter API to a near-live Dashboard
- Manipulated and analyzed data by using Elastic Search (Kibana)
- Manipulated files using shell and loaded Python into a production environment
- Services used: EC2, Kinesis, S3, AWS Lambda, ElasticSearch
- Setup a full dashboard automated on Kibana with 10GB of data

Education

November 2019 – April 2020 - [WeCloudData](#), Toronto, Canada

Certification in Big Data with AWS (Part-time course)

I learned how to use tools such as Apache Spark, Amazon SageMaker, MLflow, Kafka, Elasticsearch, and Airflow.

August - October 2019 - [WeCloudData](#), Toronto, Canada

Certification in Data Science with Python (Part-time course)

I learned how to use Python for data engineering and analysis

September 2014 – June 2016 - [Uppsala University](#), Sweden

Master's in Evolutionary Biology – GPA 4/5

September 2012 – June 2014 - [University of Lorraine](#), France

Bachelor's in Biology - GPA 4/5