

# Guillermo Ritorni

## Backend Developer

guillermo.ritorni.salvo@gmail.com

Backend Developer focused on backend development, data engineering and machine learning systems built upon cloud services providers Amazon Web Services and Google Cloud Platform.

Backend development using Flask/Express.js with Postgres and React.js/D3.js on top of cloud services such as ECS/EKS/Lambda and GKE/Cloud Run/Cloud Functions for distributed microservices architectures managed with Kubernetes and Helm.

Data systems using Python Spark within Kubernetes and EMR/Dataproc environments for data pipelines within AWS/GCP with BigQuery/Redshift and Postgres on Aurora/RDS/CloudSQL.

Apache Parquet based Data Lakes with Spark on Google Cloud Storage and Dataproc or with Lake Formation/Amazon Athena/EMR on S3 as well as Nvidia accelerated Docker containers from Nvidia GPU Cloud for end-to-end data science and machine learning pipelines using Nvidia GPUs.

Machine Learning models with Keras and TensorFlow via SageMaker/AI Platform including distributed model training, Neural Architecture Search and Hyperparameter Tuning jobs using CPUs/GPUs/TPUs on Kubernetes with Ray and KubeFlow using GKE/EKS via Helm charts. Inference microservices using Flask/TensorFlow Serving as Kubernetes/Docker services via Helm charts or as FaaS endpoints in Lambda/Google Cloud Functions.

Interested in working with projects involving: AWS, GCP, Kubernetes with Helm3, Terraform, Go.

## Certifications

- [Amazon Web Services Certified Solutions Architect - Associate](#). 06/2017- present
- [Amazon Web Services Certified Developer - Associate](#). 06/2017- present
- [Amazon Web Services Certified Big Data - Specialty](#). 11/2017- present
- [Google Cloud Certified Professional - Data Engineer](#). 01/2018- present
- [Amazon Web Services Certified Professional - DevOps Engineer - Professional](#). 05/2018-present