

Adrián VILLANUEVA

Software Engineer | Data Engineer

[in linkedin.com/in/adrian-villanueva-martinez](https://www.linkedin.com/in/adrian-villanueva-martinez) github.com/adrianvillanueva997

+34 638084303 @ adrian.villanueva.martinez@outlook.com

Amsterdam, Netherlands

Senior Software Engineer with a successful track record in delivering high-quality solutions. Experienced leader skilled in driving projects from concept to completion. Passionate about optimizing processes through technology.

SKILLS

Programming Languages	Python, Java, Go, Rust, NodeJS, C, HTML/CSS/JavaScript
Database Management	SQL Server, MySQL, PostgreSQL, MongoDB, AWS Athena, Cassandra, Redis
DevOps and Tools	Docker, Kubernetes, Terraform, ArgoCD, Git, CI/CD, GitHub Actions, Prometheus, Grafana
Data Engineering	PySpark, Pandas, Airflow, Databricks, DBT, Kafka, FastApi
Cloud Providers	AWS, GCP, Azure

EXPERIENCE

Present
March 2022

Data Engineer, NL, Ahold Delhaize

- Architected and maintained Terraform modules for scalable infrastructure.
- Developed and streamlined CI/CD pipelines for efficient deployment processes.
- Designed and developed Python software solutions with Kusto integration for automation and auditing.
- Provided crucial cross-team deployment support, fostering collaboration and ensuring successful project rollouts.
- Demonstrated leadership in Python project initiatives, ensuring design integrity and quality.
- Creating ETL data pipelines on Databricks
- Designing, developing, and releasing internal data-based tools for auditing and monitoring using Python and other languages
- Responsible for Python code reviews within the team
- Maintaining and developing Terraform modules
- Maintaining and developing Continuous Integration/Deployment pipelines on GitHub Actions
- Deploying and maintaining resources on Azure and Kubernetes with ArgoCD

Python Terraform CI/CD Azure Kusto Kubernetes Azure DevOps Git SQL Kafka Prometheus Grafana
ArgoCD Docker Microservices

Today
March 2022

Data Engineer, NL, Xccelerated, part of Xebia

- Developed and maintained data pipelines and ML models in a cloud environment (Google Cloud) using Python and PySpark
- Software development in different technologies such as PySpark, Kafka, Kubernetes and Redis
- Design and deploy microservices in a cloud environment
- Design and deploy Continuous Integration/Deployment pipelines using Git, Terraform and ArgoCD

Python Google Cloud Redis Kafka Microservices Git Terraform Kubernetes ArgoCD DBT SQL PySpark
Deep Learning

March 2022
September 2021

Data Engineer, NL, Dashmote

- Infrastructure as Code (IaC) with Terraform on AWS, including design and implementation of scripts for service deployments.
- Maintenance and optimization of legacy Apache Airflow components in Python.
- Deployment and optimization of Docker images using buildkit, caching and multi-stage builds.
- Team collaboration and mentorship, design and deployment of production-ready datalake on AWS,
- redesign and implementation of DevOps strategies resulting in faster workflows.

Python AWS Docker DevOps Airflow Git Terraform Jenkins SQL ETL CI/CD Athena

June 2020
June 2019

Software Developer, SP, EY

- Contributed to software development for automation and ETL tasks using SQL, Python, Java, and Talend.
- Managed Linux systems, including Ubuntu and CentOS, ensuring stability and security.
- Developed and prototyped machine learning models for predictive analytics and data engineering.
- Full-stack web development.

Python Java Linux Machine Learning SQL Bash Windows Server Talend ETL Sage X3
Business Intelligence

LANGUAGES

Spanish ● ● ● ● ●
English ● ● ● ● ●

EDUCATION

2020 Computer Science at Universidad Europea de Madrid

STRENGTHS

➤ Collaboration, Problem Solving, Communication, Adaptability, Fast Learner

Interests

TECHNOLOGY: Keeping up with latest tech trends, Building personal projects (Right now learning more about Rust)
MUSIC: Bass guitar, live music and festivals
OUTDOOR ACTIVITIES: Hiking, Cycling
ARTS: Painting, Visiting museums