Adrián VILLANUEVA
Software Engineer | Data Engineer

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📍 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

March 2023
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