






Adrián VILLANUEVA

Software Engineer | Data Engineer

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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 April 2023	Data Platform Engineer, NL, Ahold Delhaize <ul style="list-style-type: none">Architected scalable Terraform modules and streamlined CI/CD pipelines for efficient deploymentsDeveloped Python solutions integrating Azure Kusto for automation and auditingProvided crucial cross-team deployment support and fostered collaborationLed Python project initiatives, ensuring design integrity and quality, with proficiency in Kubernetes for container orchestration <div><div>Python</div><div>Terraform</div><div>CI/CD</div><div>Azure Kusto</div><div>Kubernetes</div><div>Azure</div><div>DevOps</div><div>Git</div><div>SQL</div><div>Kafka</div><div>Prometheus</div><div>Grafana</div><div>ArgoCD</div><div>Docker</div><div>Microservices</div></div>
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March 2023 March 2022	Data Engineer, NL, Ahold Delhaize <ul style="list-style-type: none">Big data processing using Azure Databricks and PysparkDeveloped and managed ETL processes, ensuring seamless data transmission to Kafka clustersDesigned monitoring solutions integrated with Prometheus and Grafana for effective performance tracking as a Pyspark Monitoring ArchitectBuilt and maintained robust pipelines for efficient software delivery using GitHub Actions in a secondary focus on CI/CD DevOps engineering <div><div>Python</div><div>Azure</div><div>Databricks</div><div>Pyspark</div><div>DevOps</div><div>Git</div><div>Terraform</div><div>Kubernetes</div><div>ArgoCD</div><div>SQL</div><div>Kafka</div><div>Prometheus</div><div>Grafana</div></div>
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Today March 2022	Data Engineer, NL, Xccelerated, part of Xebia <ul style="list-style-type: none">Developed projects aimed at fortifying robust data pipelines, with a focus on unit testing and API developmentLeveraged expertise in advanced data technologies such as PySpark, Deep Learning, Kafka, Kubernetes, and GCP to spearhead cutting-edge solutionsEnsured delivery of production-quality Python code, fostering best practices and upholding high standards of code qualityGained hands-on experience in deploying and maintaining data pipelines and ML models <div><div>Python</div><div>Google Cloud</div><div>Redis</div><div>Kafka</div><div>Microservices</div><div>Git</div><div>Terraform</div><div>Kubernetes</div><div>ArgoCD</div><div>DBT</div><div>SQL</div><div>PySpark</div><div>Deep Learning</div></div>
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March 2022 September 2021	Data Engineer, NL, Dashmote <ul style="list-style-type: none">Infrastructure as Code (IaC) with Terraform on AWS, including design and implementation of scripts for seamless service deployment.Maintenance and optimization of legacy Apache Airflow components in Python, ensuring optimal performance.Deployment, optimization, and development of production-ready Docker images for efficient containerization.Key achievements include team collaboration and mentorship, design and deployment of a production-ready data lake on AWS, redesign and implementation of CI/CD strategies resulting in faster workflows, maintenance and development of ETL pipeline components. <div><div>Python</div><div>AWS</div><div>Docker</div><div>DevOps</div><div>Airflow</div><div>Git</div><div>Terraform</div><div>Jenkins</div><div>SQL</div><div>ETL</div><div>CI/CD</div><div>Athena</div></div>
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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.
- › Administered Windows Server environments to maintain optimal performance and reliability.
- › Executed scripting tasks in Bash and CMD for process automation, alongside involvement in Sage X3 ERP development, full-stack web development, machine learning, data engineering, and business intelligence solutions using SQL and Python.

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