Adrian **Villanueva Martinez**

adrianvillanueva997 | +34 638084303 | adrian-villanueva-martinez |
adrian.villanueva.martinez@outlook.com

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

Langs	English, Spanish
Prog Langs	Python, Java, Go, Rust, NodeJS, C, HTML/CSS/JavaScript
DBs	SQL Server, MySQL, PostgreSQL, MongoDB, AWS Athena, Cassandra, Redis
DevOps	Docker, Kubernetes, Terraform, Terragrunt, ArgoCD, Git, CI/CD, GitHub Actions, Prometheus, Grafana
Data Eng	PySpark, Pandas, Airflow, Databricks, DBT, Kafka, FastApi
Cloud	AWS, GCP, Azure
Interests	Hiking, Reading, Traveling, Photography, Cooking, Music, Programming, Gaming, Gardening, Cats

Professional Experience

Woven by Toyota
Tokyo, Japan

DATA ENGINEER — *2024 - Present*

- Leading an engineering team to build a scalable data platform on AWS using Terraform, Terragrunt, and Databricks
- Implementation of internal libraries and tools for data engineering and data science teams to improve productivity in Python, Java, Typescript, and Rust
- Design and implement CI/CD pipelines for data engineering and data science projects to deploy and monitor data pipelines and models in Databricks

Databricks Terraform Python Java AWS Terragrunt Typescript GitHub Actions CI/CD Rust kafka Open Telemetry

Ahold Delhaize
Amsterdam, Netherlands

DATA ENGINEER — *2022 - 2024*

- Analyze datasets with SQL/Python, collaborate for insights
- Streamline CI/CD pipelines
- Develop Python solutions with Kusto for automation/auditing
- Create ETL pipelines on Databricks
- Design internal tools for auditing/monitoring with Python
- Maintain Terraform modules and CI/CD on GitHub Actions
- Deploy resources on Azure/Kubernetes with ArgoCD

Python SQL Databricks Kusto Terraform GitHub Actions Azure Kubernetes ArgoCD kafka

Dashmote
Amsterdam, Netherlands

DATA ENGINEER — *2021 - 2022*

- Infrastructure as Code (IaC) with Terraform on AWS, design and implement scripts for service deployments
- Maintain and optimize legacy Apache Airflow components in Python
- Deploy and optimize Docker images using buildkit, caching, and multi-stage builds
- Collaborate and mentor team, design and deploy production-ready datalake on AWS
- Redesign and implement DevOps strategies for faster workflows

Terraform AWS Python Apache Airflow Docker DevOps

Ernst & Young (EY)
Madrid, Spain

SOFTWARE ENGINEER — *2019 - 2020*

- Assisted with data cleaning, processing, and analysis using Python and Excel, participated in team meetings and contributed to project planning and execution
- 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 Excel SQL Java Talend Linux Machine Learning Full-stack

Education

Universidad Europea, Madrid
Spain

COMPUTER SCIENCE — *2015- 2022*

- Thesis: Building a self-hosted AI driven platform for security cameras monitoring using edge computing | GPA: 9.5/10