Elias Velazquez

Backend dev | Data Engineer

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Summary

Software developer with a strong foundation in **algorithms**, **data structures**, and **backend** tasks, focused on delivering results. Detail-oriented in understanding client requirements to provide effective code solutions. Proactive in **team communication**, sharing progress and challenges. **Fluent in English (C1)** and adaptable, I enjoy collaborating with diverse teams and cultures. Currently pursuing studies to become a **Data Engineer**.

Technical skills

- Programming languages: Python, Bash, SQL
- Frameworks / libraries: Pandas, FastAPI, Django
- Databases & Warehouses: MySQL, Postgres, Snowflake, RDS
- Cloud services: Amazon Web Services (AWS)
- Other: API REST development, Git, Linux
- Tools: Postman, Bruno, Trello, Slack, Notion

Soft Skills

- Active listening
- Proactiveness
- Teamwork
- Autonomy
- Problem-solving
- High tolerance for frustration
- Critical thinking

Professional experience

VORDENTECH 02/2024 - present

Python / ETL developer

US based company dedicated to the development of software solutions related to data engineering, ETL processes, and web development.

- Developed software solutions in Python, focusing on efficient and maintainable code.
- Built and optimized data pipelines using the ETL framework and Pandas library, improving data processing efficiency.
- **Delivered scalable solutions on AWS**, utilizing serverless services (Lambda, EventBridge, Step Functions, RDS, and CloudWatch) to ensure cost-effective and reliable deployments.
- **Developed a Snowflake infrastructure solution,** integrating Python, AWS Lambda, and API Gateway. Tackled challenges related to Snowflake security and API management, meeting tight deadlines while exceeding client expectations by proposing and implementing security improvements.
- Collaborated using Git/GitHub, contributing to the successful delivery of multiple projects through version control and peer code reviews.
- **Refactored and documented legacy code**, enhancing execution speed and data retrieval efficiency, with measurable performance gains.
- Liaised with clients globally, effectively clarifying ambiguous requirements leveraging strong communication skills in English (non-native) through text and voice channels, ensuring a clear understanding of their business needs and delivering tailored solutions.

Projects

- <u>esvdev.me</u> Personal blog built with Django, Django REST, Wagtail CMS, Astro and TailwindCSS and deployed on a Digital Ocean droplet. I write technical articles about Python/software development and Data engineering. Source code available <u>here</u>
- Community Founder and Manager Established and manage a Spanish-speaking WhatsApp community dedicated to learning and mutual support in technical fields. Foster collaboration and knowledge sharing, demonstrating strong leadership, initiative, and interpersonal skills.

Education and Certifications

- Associate Data Engineer in SQL, Datacamp (2024 in progress)
- Python Backend Bootcamp, Codigo Facilito (2023)

Languages

English: C1Spanish: native