SEBASTIAN MEJIA SANCHEZ

Data & Automation Developer | Python, Airflow & Backend

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PROFESSIONAL SUMMARY

Software developer with experience in Python automation, data extraction and processing, and backend development. Build Apache Airflow workflows and browser automations with Selenium and Playwright for insurance-sector processes. Work with Docker, Django, and PostgreSQL to run workflows, structure data, and build internal tools that support business operations.

TECHNICAL SKILLS

Automation & Data
Python, Apache Airflow, Selenium, Playwright, API and HTML/PDF data extraction, data cleaning and normalization.

Backend & Databases
Django and its ORM, PostgreSQL, Node.js, Express, TypeScript, MySQL.

Web Development
JavaScript, PHP, jQuery, Bootstrap, CSS3.

Tools
Docker, Git, GitHub, Linux, Bash, PowerShell, Postman. Methodology: Scrum.

AI-Assisted Development: agentic AI tools for code generation and review, with validation and adaptation before integration.

PROFESSIONAL EXPERIENCE

Automation & Backend Developer | DataFinanzas

February 2025 – Present

- Design and implement Apache Airflow DAGs and tasks to orchestrate automation and data processing workflows.
- Configure Docker-based environments to run Airflow and its workflows on servers.
- Develop Python automations with Selenium and Playwright to navigate insurance platforms, download documents in bulk, and classify files.
- Extract data from JSON APIs, HTML sources, and PDF documents, applying data cleaning and normalization steps.
- Model PostgreSQL databases using the Django ORM and manage entity relationships to maintain data integrity.
- Build internal interfaces with JavaScript and Bootstrap to query data and display operational results.
- Use agentic AI tools to support code generation and review, validating suggestions and adapting them to project requirements.

Web Developer Intern | Concept BPO | Medellín, Colombia

August 2022 – February 2023

- Developed web applications with PHP, jQuery, and JavaScript to support processes across multiple departments.
- Maintained existing applications and resolved functionality issues.
- Built custom applications based on external client requirements.

EDUCATION & TRAINING

Technical Program in Software Development | CESDE | Medellín, Colombia
2021 – 2023

Backend Development Training | BeTek | Medellín, Colombia
2024 | TypeScript, Node.js, Express, and MySQL

LANGUAGES

English: B1 (self-assessed)