Juan Andres Bautista

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Data Engineer - Python, Bash, TypeScript

Skills

Backend Development	Django, FastAPI, Node.js, Express.js & SQL (Postgres, Oracle)
Cloud & Infrastructure	AWS (S3, Lambda, RDS, EC2, CDK), Docker & CI/CD
Data Engineering	Advanced SQL, Pandas, Polars, Apache Airflow, ETL/ELT & Data Quality
DevOps & Tooling	Git, Linux, Nix, Bash & GitHub Actions

Work Experience

Data Engineer — May 2025 — Present
LogicSource — *Remote, US*

- Migrated proprietary schedulers to Managed Apache Airflow on AWS (MWAA), standardizing DAGs, retries, SLAs, and observability; cut end-to-end ingestion and transformation times by 75% (e.g., a 4h process now completes in 1h) with minimal manual intervention.
- Automated cloud infrastructure (data lake and compute) using AWS services and IaC (AWS CDK), including S3 (raw/bronze, refined/silver), Lambda, and RDS; implemented role-based access.
- Implemented data quality checks to ensure availability, traceability, and compliance across environments.

Full-stack Developer — Dec 2023 — Apr 2025
Freelance — *Bogotá, CO*

- Developed services and APIs with FastAPI and Node.js (Bun/Hono) backed by relational databases (Postgres), applying data modeling and performant SQL.
- Built a data ingestion system with streamed hashing and versioning using Docker and MinIO, enabling reproducible, auditable file pipelines and efficient storage management.
- Implemented CI/CD (GitHub Actions) and containerized services (Docker) to standardize deployments and improve reliability across environments.

Full-stack Developer Apprenticeship — Sep 2023 — Nov 2023
HENRY — *Remote, AR*

- Built e-commerce features with React and Redux on an Express.js backend.
- Collaborated in agile teams using Git flow, PR reviews, and sprint delivery.
- Gained experience in state management, API integration, and testing workflows.

Projects

Appointments App (Full-stack) — appointments-jet.vercel.app
github.com/and-rs/appointments

- Developed and deployed a full-stack CRUD application frontend (Next.js) to Vercel.
- Built a backend API (Express.js) and infrastructure-as-code using AWS CDK (Lambda, RDS, VPC); modeled appointment data in a relational schema with migrations and monitoring.
- Took the AWS stack down post-demo to avoid ongoing costs (around $7 USD/Month), but the code fully documents the deployable infrastructure.

Education

HENRY — Aug 2023 — Feb 2024
Fullstack Developer Bootcamp — *Remote, AR*

Universidad De Los Andes — Aug 2023 — Dec 2023
Data Analysis Diploma — *Bogotá, CO*