Maira

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Professional Summary

Data & Automation Engineer with 4+ years of hands-on experience building intelligent data systems, backend automations, and dashboards. Skilled in Python, SQL, and cloud deployment with AWS, Docker, and Jenkins. Proven record of turning manual reporting into automated pipelines and delivering predictive, data-driven solutions that scale across teams and operations.

Core Skills

Python (Pandas, NumPy)   SQL & Databases

Streamlit Dashboards   Data Cleaning / ETL

AWS (S3, Lambda, EC2)   Docker & Jenkins

Terraform   Automation (Zapier, APIs)

Forecasting Models (ARIMA/XGBoost)

OpenAI API Integration   Glide App Design

Project Management

Education

Master's Degree — Completed 2024
Associate Degree (ADS) — 2019–2022
Intermediate — 2017–2019

Contact

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Professional Experience

M5 — Data Analyst & Product Manager

Jan 2020 – Dec 2023

- Built automated data pipelines using Python & SQL, replacing manual spreadsheets.
- Developed predictive models for sales and inventory planning with 40% improved accuracy.
- Deployed internal dashboards using Streamlit and integrated AI summaries for stakeholders.
- Used Docker & Jenkins to automate deployment of data dashboards on AWS EC2.
- Collaborated with cross-functional teams on data architecture and API integration.

Freelance / Virtual Assistant (Tech & Data Focus)

2019 – Present

- Automated workflows using Zapier, Google Sheets, and Python scripts.
- Managed backend reporting for small businesses with data tracking dashboards.
- Created client portals and analytics tools using Streamlit and Glide.
- Supported founders with data, automation, and system optimization tasks.

Selected Projects

Automated Reporting Pipeline

Python + Streamlit + SQL project automating weekly reports and sending summaries via email. Reduced manual workload by 80%.

Forecast Dashboard

Developed ARIMA and XGBoost-based forecast dashboard with interactive filtering. Deployed using Docker on AWS.

AI-Enhanced Client Portal

Created a secure web app integrating AI-generated summaries for uploaded datasets. Built using Streamlit + OpenAI API + SQL.