Frederico Alves de Figueiredo

(+351) 932 297 033 | www.linkedin.com/in/fredericoadf | fredericoadf@gmail.com | https://github.com/fredericofigueiredo

Work Experience

Amazon   **Munich, Germany**
Manager, Cloud Analytics Engineering – Program Manager II   *03/24-Present*
- Managed team of 2 SDEs, 1 DS, 1 BI Analyst building a centralized platform for reporting, network monitoring and action supporting 50 operations managers.
- Launched self-service metrics monitoring system and resource discovery tool achieving 2000+ user actions within first quarter.
- Delivered suite of business-critical automation tools and reports driving $30MM in projected revenue through improved customer experience.
- Improved platform reliability by resolving 97% of security vulnerabilities through AWS architecture best practices.
- Owned maintenance and expansion of portfolio of self-service tools saving operations teams 7500hrs/yr.
- Successfully managed and mentored 2 interns through conversion to full-time positions (1 SDE, 1 DS).

Cloud Analytics Engineer – Program Manager II   *03/23-02/24*
- Led launch of a platform for reporting, network monitoring and action integrating data from 20 teams across 4 VP orgs.
- Architected and built metrics ingestion system processing 200+ metrics and rest API metrics service enabling automated generation of 10+ daily operational reports.
- Developed system for automated system config based on supplier feedback resulting in $2.3MM savings and 1800hrs/yr of bandwidth reduction.
- Established technical standards across L8 organization and launched technical community engaging 80+ members.

Cost & Carrier Management - Program Manager I   *02/22-02/23*
- Managed and executed cost saving projects across 4 countries achieving $14MM, 7x goal.
- Developed 6 AWS native automation solutions using SQL based ETL and Python, saving 720hrs/yr.
- Onboarded team to dashboard platform and ran engagement sessions that increased views by 85% over 3 months.
- Delivered 50+ system changes, coordinated across 4 teams while streamlining the rate card management process, reducing processing time by 75% and off-manifest costs by $12MM annually.

Business Intelligence Intern   *09/21-01/22*
- Built new Turkey country-wide mapping for shipment rate assignment saving $350K/year.
- Developed an automated reporting tool and productized it across 6 countries with native AWS Architecture (Lambda, SES, S3)

Everis   **Barcelona, Spain**
Data Analyst - Capstone Project (part of MSc in Business Analytics)   *02/21-07/21*
- Developed a self-updating web app using Python (Streamlit) incorporating web scraping and API integration.
- Built forecasting and text mining models for Barcelona tourism analysis, presenting findings to government. stakeholders.

Extreme Events & Services   **Lisbon, Portugal**
Event Finance and Operations Assistant   *06/17-09/18*
- Optimized venue operations and supplier communications, reducing building time by 30%.
- Coordinated on-site logistics and event rundown with 5+ teams including Rescue and TV Production.
- Managed budget planning for large-scale sports events (1M+ spectators, $3.14MM budget).

Education

Esade Business & Law School, Ramon Llull University   **Barcelona, Spain**
Master of Science in Business Analytics   *08/20-10/21*
- GPA: 9/10 (Remarkable). 7th best MSc in Business Analytics Worldwide according to the 2020 QS World Ranking.
- Areas of Study: Data Analytics, Data-Driven Transformation, Artificial intelligence, Cloud Platforms, Global Sales.

School of Economics and Management, University of Lisbon   **Lisbon, Portugal**
Bachelor of Science in Applied Mathematics to Economics and Management   *09/17-06/20*
- GPA: 15/20 (Top 15%)
- Areas of Study: Statistics, Financial Mathematics, Economics and Econometrics, Operations Research.
- Exchange at LTH, Lund University (Sweden): Advanced Econometrics and Industrial Engineering.

IT & Language Skills

Technical: AWS (Compute, Storage, DB, Analytics, Viz, IaC) | Python (Data Analytics: Polars, Pandas; Web: Flask, Streamlit; UI: tkinter) | SQL, Tableau.
Courses: AWS CloudQuest - Cloud Practitioner, Solutions Architect, Serverless Developer, Data Analytics Specializations, Architecting Solutions on AWS, Data Lakes on AWS.
Language: Portuguese (Native), English (C2 - Proficient), Spanish (B2 - Intermediate).

Additional Information

Publications: Authored two 200-page university exam guides (Micro/Macroeconomics). | **Leadership:** Pedagogical Department Associate, Sports Committee Board Member. | **Athletics:** National Division Futsal Team Captain (10+ years), Ironman Triathlete. | **Interests:** Technology, Health, Urban Development, Sustainability.