Martin Augusto Rosales Figueroa

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· LinkedIn · GitHub

SUMMARY

- Data Scientist with 3+ years of experience developing end-to-end ML solutions in cloud environments (AWS). Specialized in building and deploying scalable models for computer vision, predictive analytics, with certifications in AWS Machine Learning Specialty and Cloud Practitioner. Proficient in Python, PyTorch, and SQL, with a strong focus on optimizing models for real-world applications. Passionate about leveraging MLOps practices (Docker, CI/CD) to bridge the gap between prototyping and production.

WORK EXPERIENCE

- **Cienporciento SAC**   **Jan 2022 - Present**
  Machine Learning Engineer   **(2024 - Present)**

  – Designed and deployed production-grade ML models using **PyTorch**, **XGBoost** and **Scikit-learn**, including a computer vision system for quality inspection with **90%+ accuracy**

  – Implemented **AWS SageMaker** pipelines for automated model training and inference, reducing infrastructure costs by **30%**

  – Developed **MLOps** workflows using **Docker** and **GitHub Actions** to streamline model deployment

  – Optimized real-time data processing with **AWS Kinesis** and **Lambda**, handling **1TB+** daily data volume

  Data Scientist   **(2023 - 2024)**

  – Led the *Sales Prediction* project using regression models with Time Series Data, improving pricing strategy accuracy by **25%**

  – Built ETL pipelines with **AWS Glue** and **PySpark** for structured/unstructured data processing

  – Created interactive dashboards in **Power BI** to visualize key business metrics for stakeholders

  Junior Data Analyst   **(2022 - 2023)**

  – Performed data cleaning and feature engineering using **Pandas** and **SQL** on customer datasets

  – Automated report generation with **Python** scripts, saving **15+ hours/month** manual work

  – Conducted statistical analysis (A/B testing) to evaluate marketing campaign performance

EDUCATION

- **University**   **(2019-2026)**
  ESAN (Information Technology Engineering)

Global Certifications

- **AWS Machine Learning Specialty**

- **AWS Cloud Practitioner**

- **SQL Advanced**

- **SQL Intermediate**

- **R Intermediate**

SKILLS

- **Programming Languages**
  Python Advanced
  SQL Advanced
  Bash Intermediate
  Java Intermediate
  R Intermediate
  C++ Intermediate
  Matlab Basic

- **Libraries/Frameworks**
  TensorFlow, Keras, PyTorch Sklearn, Pandas, Numpy, matplotlib, Boto3, Qt

- **Cloud**
  AWS (Sagemaker, EC2, IAM, Lambda, S3, Glue, ECR, RDS, Athena, Kinesis, etc)

- **Databases**
  MYSQL, SQL Sever, MongoDB

- **OS**
  Linux:
  Ubuntu server, debian, Centos, Arch
  Windows:
  Windows Server, Windows 10

- **Virtual Machine**
  Virtual box, Qemu

- **Office**
  Excel Intermediate
  Power BI Intermediate
  Word Intermediate
  PowerPoint Intermediate

- **Languages**
  English: B2
  Spanish: C2
  Japanese: A2
  Portuguese: A2

- **Other Skills**
  Git/GitHub
  Github Actions
  Docker
  Docker Compose
  Networking

Cisco Packet Tracer
Arduino

PROJECTS/ OPEN SOURCE

- **Dragon Fruit Classification**

- **Happiness Score**

- **Book Price Prediction**

- **Analysis of Client Satisfaction in R**

- **VPN Server in AWS**

- **GeoGraph**

- **Camera Web**