

Daniel Mijail Alpiste Sarmiento

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With 5+ years in roles related to Data Science, DevOps and Machine Learning, my journey has involved managing small, dynamic teams and projects in the retail, manufacturing, banking, and entrepreneurial sectors. I excel in leading innovative cloud-based data solutions and Machine Learning deployments, strategically integrating adaptability and efficiency with cutting-edge technology.

TECHNICAL SKILLS

- **Advanced:** Python, SQL, Power BI
- **Intermediate:** DevOps & MLOps, Git/GitHub, Kubernetes, Apache Spark
- **Cloud:** Azure (Data Factory, Databricks, Fundamentals, Administrator)
- **Orchestration:** Apache Airflow, Jenkins, GitHub Actions

WORK EXPERIENCE

Banco de Crédito del Perú (BCP) – Center of Excellence in Advanced Analytics (COE AA) | Lima, Peru **Squad Lead, MLOps Engineering**

2023 – Present

- Led the cloud MLOps migration of 70+ ML models from Oracle on-prem to Productive Layers (GitHub Actions + Azure ML + Databricks).
- Scaled the squad from 9 → 30 (Data Engineers, Data Stewards, Data Modelers, MLEs); established a sub-leadership model.
- Rebuilt the E2E productization flow (Jira + Jenkins + Databricks) from ~15 days to <15 minutes with GitHub Actions; Pull Requests = single source of truth (culture shift).
- Refactored repo-agnostic deployment pipelines, enabling standardized migrations in <30 minutes.
- Instituted a modern operating model: automated cybersecurity checks, CI governance, and LLM-assisted variable modeling for faster approvals.
- Drove InnerSource across Risk MLOps, GenAI, and DataOps—shared repos, reuse, and co-development.
- Delivered the Cash Management migration (46 models) within the broader program, reinforcing adoption of the new model.
- Built a Feature Store for the entire COE Analytics; enabled on-demand reprocessing without Data tickets and T2M <1 day for new DS projects; supported >180M soles in Capture & Potential Value.

Backus - Anheuser-Busch InBev, Tech Solutions Division | Lima, Peru **MLOps Engineer - Middle America's Zone (MAZ)**

August 2022 – 2023

- Led the deployment of Icaro, an analytical logistics product, directly contributing to a profit increase of \$15 million in 2022.
- Setting up development, QA, and production environments on Azure, and orchestrated application management with Kubernetes for many Non-Commercial ML Products.
- Advanced the ML workflow by employing tools such as MLflow on Azure's Databricks platform for robust model management, including the use of Model Registry and Experiment Tracking, and Azure Datafactory for scheduling.

- Successfully deployed several projects integrating frontend and backend layers with Machine Learning algorithms.
- Implemented DevOps and Agile methodologies (Scrum) to enable continuous development and efficient integration of Machine Learning models. Utilized tools such as Azure DevOps, and developed CI/CD pipelines using Github Actions to streamline and automate deployment processes.

QROMA: The second largest paint manufacturer company in South America | Lima, Peru

Business Intelligence Sr. Analyst | Business Intelligence Analyst

August 2020 – July 2022

- Led data analytics projects across Peru, Chile, and Ecuador, enhancing decision-making and marketing strategies.
- Managed key SAP implementation aspects during ERP migration, ensuring data integrity.
- Formulated customer segment strategies and commission calculations processes.
- Orchestrated ETL processes using Jenkins, improving data process efficiency.
- Redesigned sales data cube, enhancing business analysis capabilities in Excel for non-tech users, and resulting in three new marketing campaigns.
- Developed or audited, in total, 120 Power BI dashboards, achieving a 90% utilization rate, significantly enhancing decision-making tools.

Interbank: Leading financial institutions part of the Intercorp Financial Services holding. | Lima, Peru

Business Intelligence Jr. Analyst | Business Intelligence Intern

October 2015 – February 2019

- Developed algorithms improving phone campaign contactability, resulting in a 20% increase in new client acquisition.
- Created a post-sale Chatbot using Google Dialogflow and Flask, winning first place at Interbank's Innovatón 2020 and enhancing customer service.
- Built visualization dashboards for commercial campaigns, streamlining operational efficiency.
- Optimized lead distribution algorithm for acquisition campaigns, reducing processing time from 4 hours to 10 seconds and ensuring fair client distribution.

ADDITIONAL EXPERIENCE

- **Brodiess Factory – Co-Founder – Currently the CTO.** Personal entrepreneurial venture (dark kitchen) selling brownies, blondies, and cookies. Responsible for developing visualization tools to monitor commercial campaigns and defining business processes to comply with regulatory standards.

EDUCATION

Pontificia Universidad Católica del Perú, Lima

BS in Informatics Engineering | December 2021