

Martin Brocca

2812108696 | martinbrocca@gmail.com | Spring, TX

Experience

ExxonMobil | Spring, TX

Data Manager | 02/2025 - Present

- Lead a cross-functional data engineering team in merging and managing large datasets
- Develop and implement best practices for data product production and location
- Drive data governance initiatives to ensure data integrity and compliance
- Collaborate with various teams to ensure seamless integration of data systems
- Mentor and develop team members to enhance their skills and capabilities
- Implement strategies to improve operational efficiency and drive business impact

ExxonMobil | Spring, TX

Solution Architect | 06/2023 - 02/2025

- Led strategic initiative to renew data infrastructure platforms, driving innovation and cost reductions enabling scaling to support millions of telemetry events.
- Collaborated with data engineering teams to architect and deploy advanced analytics
- Provided visionary thinking in evaluating and defining new data warehousing platform solutions
- Led integration of data with acquired companies' platforms, ensuring seamless integration
- Applied research and creativity to cloud compute cost reduction initiative, achieving 30% savings
- Demonstrated technical leadership in leveraging modern data processing frameworks

ExxonMobil | Spring, TX

Solution Architect | 10/2022 - 06/2023

- Led cross-functional teams to identify critical data and gather requirements for IoT and Digital Twin initiatives
- Collaborated with external vendors and partners to explore collaboration opportunities for solution development
- Built and maintained relationships within Upstream lines to drive IT strategies influencing business operations digitalization and addressing customer needs
- Managed data engineering projects to ensure high-quality and highly reliable data for customers
- Mentored and developed top-tier engineering talent to drive innovation and deliver impactful results
- Communicated effectively with stakeholders, partners, and leadership to set context and provide direct, candid feedback

ExxonMobil | Spring, TX

Solution Architect | 11/2019 - 12/2022

- Designed and built a data streaming platform for IT telemetry and logging systems ingesting millions of telemetry events per hour from 10K+ networking devices, 20K+ on prem servers and 5K+ databases.
- Identified monitoring gaps, enhanced data accessibility, reduced silos, and provided actionable insights for automation and data-driven decisions
- Led evaluation and implementation of monitoring and alerting tools, adopting industry-standard platforms to enhance incident detection and response, reducing mean time to resolution by 25%.
- Developed and implemented standards and best practices for effective cloud monitoring
- Presented on technology trends and solution architectures to educate team members and clients
- Evaluated alternative use cases for different operational organizations, including on-prem or SaaS applications and enterprise networks monitoring

ExxonMobil | Buenos Aires, Argentina

Product Manager | 01/2018 - 12/2019

- Responsible for product delivery lifecycle, managing a diverse customer set that includes all externally accessed EBusiness and corporate applications and services to interconnect the company with remote employees or third-party customer's (IPSec and SSL VPNs)
- Provided functional supervision for 4 globally distributed SRE teams (40 developers), offering engineering management and escalation support across all environments.
- Demonstrated thoughtful planning in the development of business and technical cases for DDoS and cyber resiliency solutions.

ExxonMobil | Buenos Aires, Argentina

Delivery Lead | 01/2017 - 01/2018

- Applied strong technical acumen to provide cross-functional leadership in designing, implementing, and managing change control for the company's DMZs and internet-related services. Coordinated the DMZ project portfolio to ensure operational excellence, service continuity, and value delivery.
- Coordinated SWATs teams and War Rooms during major operational incidents.
- Lead agile transformation by applying organizational strategy, enhancing collaboration and paving the product roadmap
- Demonstrated expertise in Maintaining Relationships through effective communication and collaboration with clients and stakeholders while designing and implementing ebusiness solutions
- Applied Internet Infrastructure knowledge to lead application performance analysis on highly latency impacted applications, identifying root causes by improving scalability configurations.

ExxonMobil | Buenos Aires, Argentina

Project Manager | 03/2014 - 03/2017

- Proven ownership and commitment in successfully delivering diverse projects within the infrastructure portfolio.
- Leveraged strong verbal and written skills to effectively communicate complex technological solutions and strategies to non-technical stakeholders, leading to increased project buy-in
- Led cross-functional initiative to reduce project's procurement times by identifying and removing bottlenecks.
- Demonstrated ability to prioritize team tasks and projects to ensure optimal utilization of resources and timely delivery

ExxonMobil | Buenos Aires, Argentina

Team Leader | 01/2011 - 03/2014

- Team Leader in high performance multicultural team, facilitate efforts on strategic planning and process efficiency.
- Led a team-oriented approach in designing sustainable IT solutions, resulting in improved efficiency and cost savings

ExxonMobil | Buenos Aires, Argentina

Linux Administrator | 08/2008 - 01/2011

- Global L2/L3 Support for 2000+ Linux/HP-UX/AIX/Solaris servers.
- Utilized a solve problem mindset in developing multiple shell script for task automation, process improvement, cluster management and operations efficiencies.

GC Gestión Compartida

Network Administrator | 04/2005 - 07/2008

- Manage enterprise and customer's networks and servers.
- Configuration and support of : Firewalls, VPNs, LAN, Wireless connectivity, Windows and HP-UX servers (TCP/IP Networking, Operating Systems, etc)
- Enhanced company's efficiency by improving the Operating Model, resulting in streamlined processes

Llao Llao Hotel & Resort | San Carlos de Bariloche, Argentina

Network Administrator | 03/2005 - 02/2007

- Manage Hotel's information hardware platforms, including security, network and servers.
- Lead migration from Novell Networks to Windows.
- Designed and specified the structured cabling system for a building expansion, coordinating with the construction team to ensure proper implementation.

Skills

Observability Engineering, Infrastructure Development, Incident Response & Troubleshooting, Data Analysis & Visualization, Engineering Leadership, Roadmap & Strategy Development, Team Building & Retention, Azure, Amazon Web Services, Datadog, Splunk, Apache Nifi, Databricks, Cloudera

Education

Universidad de Buenos Aires | Buenos Aires, Argentina

Edge Computing | 12/2025

Master of Science (M.Sc.) in Edge Computing | Expected December 2025 Universidad de Buenos Aires (UBA), Buenos Aires, Argentina * Specialization in Internet of Things (Completed 2023) * Specialization in Artificial Intelligence (In progress, expected December 2025)

Universidad Nacional del Sur | Bahia Blanca, Argentina

Computer Science Engineering | 11/2004

Bachelor degree in Computer Science