

Contact

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(LinkedIn)

Top Skills

Technical Recruiting

Stakeholder Management

Budget Management

Languages

Portuguese (Elementary)

English (Professional Working)

Spanish (Native or Bilingual)

Certifications

Lean Six Sigma Black Belt

Data Science Certificate

Why Trust Matters with Rachel
Botsman

Airflow

Cómo gestionar a personas con alto
potencial

Publications

Evaluation of a Customer's Life
Cycle Time-to-Offer Cross-sales
in a Bank, Based on the Behavior
Score Using Logit Models & DTMC
in SAS®

A stochastic petri net model for the
mass public transportation system of
Bogotá (Colombia).

An Application of the DEA
Optimization Methodology to
Optimize the Collection Direction
Capacity of a Bank

Miguel Angel Diaz Rodriguez

Machine Learning Engineering Director, boosting MLOps @
ABInBev | Middle America & Global Head Quarters | Data, Analytics,
Innovation & Growth Analytics Center | Global ML Platform | Speaker
| Advisor | Leader

Bogota, D.C., Capital District, Colombia

Summary

Miguel is passionate about building and managing high performance teams. He is a Data Strategy expert who deeply understands the technical challenges of deploying machine learning software into production. He advise companies to became AI driven, no matter their maturity level.

He has been working on solving complex problems for more than a decade. And is convinced that planning and communication among teams are key to succeed. It entails a successful deployment, easier maintenance, better decision taking, more profitable companies.

Currently Miguel works as Engineering Director for AB InBev, helping the company to deploy and monitor Machine Learning products in production.

Recently he led top performers on a variety of disciplines as Data Engineering, Project Management, Data Science and Software Engineering.

During his spare time he navigate, wake surf and co-organize Apache Spark Meetups. Please contact him if you would like to participate as sponsor, speaker, or even if you are interested in a quick start using Apache Spark.

You should know that what he love the most is to help others cultivate a growth mindset, that's why he led several 'share and learn' initiatives in companies to encourage everyone to share knowledge and become teachers in their field.

#artificialintelligence #machinelearning #devops
#softwareengineering #dataengineering #datascience
#productdevelopment #data #analytics #startups #advisory

Experience

AB InBev

1 year 10 months

Machine Learning Engineering Director | Global Head Quarters & Middle America

April 2023 - Present (4 months)

Since April 2023 he accepted the challenge to also lead the Machine Learning Engineering Guild in Global Head Quarters. As now he has a double hat role, both in Global and in Middle Americas.

We are AB-InBev.

We dream big to create a future with more cheers.

#SoftwareEngineers, #MachineLearningEngineers, #MLOps, #SRE,
#DevOps,
#Bengaluru, #India, #CDMX, #Bogotá.

Miguel is always looking to meet the most passionate and talented professionals in the industry.

Machine Learning Engineering Director | Middle America

October 2021 - Present (1 year 10 months)

Miguel leads the Machine Learning Engineering / MLOps team to leverage a future with more cheers.

On 2022 he personally recruited a world class engineering team, to deliver, monitor and maintain machine learning models in the company to leverage our core business beer. #FutureWithMoreCheers

On 2022 he helped delivering more than 100MM USD benefits (EBITDA) focusing on increasing the technical robustness of the following Products:

Test & Learn Platform, Algorithmic Selling, Algorithmic Tasking, Promotions Optimization Platform, Portfolio Optimization Platform, Algorithmic Credit

Engine , Revenew Management 3.0 - Pricing , Consumer Strategy
Optimization, Icaro (Logistics)

He is always looking for the most passionate and talented people for his team.
Message him if you are interested.

#Engineers, #PythonDevelopers, #SoftwareEngineers, #CloudArchitects,
#SRE, #DevOps, #CDMX, #Bogotá, #Analytics

Culture at ABI:

We are a company of owners.
We believe that you get out what you put in.

We strive to be the best.
Pursuing our Dream, committed to improving lives for more people in more
communities.

For centuries, we've been bringing people together.
Through sports, through music, and through culture,
Creating moments both everyday and extraordinary.
Seizing every occasion to serve up more of what people thirst for.

We are AB-InBev.
We dream big to create a future with more cheers

Rappi
2 years 5 months

Head of Data Engineering RappiBank Global
June 2020 - October 2021 (1 year 5 months)

In June of 2020 he co-founded the Data Engineering team for Rappi Bank
(Global), Rappipay in some countries, this project is strongly sponsored by
Adrián Mastronardi the CTO of RappiBank and Juan Pablo Ortega the co-
founder in front of Rappi Bank project.

His vision was to build a world class data engineering team. Who will be
known in the region for best practices, efficiency, optimization, infrastructure
admin, data governance, automation and communication. A team who share
software at the level of companies such as Google, Yahoo, Netflix, Airbnb and
Facebook.

He repeated: "We love what we do and love helping others."

His team supports the daily basis operations and contribute to deliver truly high quality products to our customers.

Miguel's team supports the following processes:

- * CORE: Account + Credit + Onboarding & DA + Home and Settings
- * Data Marts: Design and implementation a snowflake type model.
- * Governance: Automation of ERDiagrams, variable dictionaries, sysadmin tasks.
- * Conciliations: Support finance teams on Colombia, México, Perú, Brasil.
- * Marketing: Facebook, Braze, AppsFlyer, Ticktock, Youtube, Google, etc on snowflake.
- * SLA: Its a project to monitor errors on the app (it's a complex project I have pursued since February of 2020, now I have the sponsorship and team to grow it). Personally believe this is how we will know how to deliver truly high quality products to our cutomers.

Stack: AWS, Postgresql, Redash, Snowflake, Airflow, Atlassian (Bitbucket, Jira, Confluence), NiFi, Kafka, Logdna, SignalFX, Amplitude, PowerBI, etc.

PMO RappiBank Perú

January 2020 - August 2020 (8 months)

In January 2020 he accepted a new challenge and started as PMO for Rappi Bank Perú, a top value project to start the bigger digital of Latin America, starting with Peruvian market. It was a priceless experience, where he was able to work with the Rappi Pay C level directly, adding value coordinating the project as it needed.

He was able to leave this position when Rappi Bank Perú General Manager was hired, as he took this role. Then Miguel jumped back into a more Technical Data related role, for Mexico, Colombia, Peru, Chile and Brasil.

Senior Data Specialist CPGs Global & RappiPay Perú

June 2019 - January 2020 (8 months)

Helping Rappi be the #1 Super App of Latin America.

Since November 2019 he joined the Rappi Pay Team, started working directly with the Chief Artificial Intelligence Officer leading credit risk data science related topics.

Since June 2019 he started working to Rappi Artificial Intelligence Vice President. Who during six months centralize all data science efforts on the organization.

Specifically he was assigned to work with Andrés Bilbao the co-founder leading CPG's business. From July to October he had the opportunity to advise a top team of 5 CPG's Ops Data Scientist's in 5 different projects.

Were they have challenges in Optimization, Forecasting, Segmentation, Classification and BI. The most important goal of his team was the IMPLEMENTATIOIN of analytics products into Rappi ecosystem.

DMC Perú

Big Data Teacher

July 2020 - September 2020 (3 months)

Lima, Peru

Has been awesome to share my knowledge with these people. And to became better on the art of teaching. <3

I share about AWS platform (Billing, IAM, EC2, CloudWatch, etc), Hadoop Ecosystem (On premise, EMR), Spark Ecosystem (On premise, Glue, EMR, Databricks), Docker ecosystem. Among other big data technologies, experiences and good practices.

NTT DATA

Senior Data Scientist

February 2018 - June 2019 (1 year 5 months)

I worked on everis for the biggest companies in Colombia, advising them on the adoption of AI and Big Data initiatives.

Gained experience in Healthcare, Oil and Gas, Telecom, Government.

Stack:

Google Cloud Platform. (Whole DS toolset).

On premise software (Python AI & DS libraries, Docker, Apache Spark, Postgresql, Git, VSCode, among others)

- Lead community and training initiatives about AI.

- Develop the first machine learning Proof of Concept (PoC) for a major Oil and Gas distributor.
- Lead the first artificial intelligence Proof of Concept (PoC) for a major Telecom company.
- Lead the first machine learning project for a major Healthcare company.
- Lead the first data lake assessment in partnership with GCP for an Oil and Gas company.
- Advise the team for the first NLP Proof of Concept (PoC) for Government contracts audits.
- Lead and support RFP responses for strategic customers.

More about everis: <https://www.everis.com/global/en/about-us>

More about NTT data: <https://www.nttdata.com/global/en/>

PwC

Senior Data Scientist

December 2016 - February 2018 (1 year 3 months)

In PwC I learn about advisory for big companies. And worked on projects related with Big Data and Artificial Intelligence.

Worked on Cybersecurity, Health, Government, Retail and Banking.

- Develop analytic Apps to respond business requirements for Cybersecurity, Health, Government, Retail and Banking.
- Participate in a Hadoop datalake implementation project for a bank.
- Develop dashboard in Tableau for Cybersecurity
- Develop an analytical model for Health.
- Develop dashboard in Tableau and QGIS for infrastructure projects.
- Develop methodology for determine Tobacco transference prices in customs.
- Data quality assessment on a government entity.

Using tools such as Python, R, MySQL, Postgresql, Tableau, Qlickview, Hadoop, Spark, Talend, Azure and GCP.

Scotiabank Colpatría

Data Scientist

November 2014 - December 2016 (2 years 2 months)

The beginning of my career as Data Scientist was on Colpatría/Scotiabank. Which is one of Colombia most mature organizations where Data Science has been implemented successfully.

It is structured and the business is highly driven by its products.

Some of the projects I worked on there were:

- Develop analytical models for the Retail Credit Risk team in Colombia to support commercial decisions. Responsible of the analysis of big data using data mining tools, programming in SQL, SAS and VBA, to attend business requirements.
- Develop an income predictor to support the commercial X-Sell process.
- Develop a Stress Testing model to predict losses behavior on economic crisis situations.
- Develop academic paper to optimize Collections.
- Develop academic paper to define the optimal time for using the behavior score in X-Sell commercial process.
- Develop a VBA Express Credit tool to approve cheap credits in record time for SME commercial area.

Zoetis

Project Analyst

May 2014 - October 2014 (6 months)

Colombia

This was my first experience as Industrial Engineering employee for a Multinational company.

I worked on Supply & Logistics optimization projects for Canadá and Latin America. Achieving savings for at least half a million dollars versus budget.

Zoetis was former Pfizer Animal Health division.

Aethos Sport Science

Co-Founder, Strategy Director.

January 2011 - January 2013 (2 years 1 month)

Bogota,D.C., Capital District, Colombia

This was my second experience as entrepreneur.

We were able to transform a free of charge sports team into a profitable and self sustainable project.

I was invited by Andrés Ramírez, leader of athletics team of Los Andes University and jointly with Juan Pablo Prada and Nicolas Rodríguez Jeangros, we develop a business by transforming a friend's group into something else.

I develop the fist version of the web page, <https://www.aethosport.com/>

Design and develop the first financial models, first administrative structure of the business and first marketing campaigns definitions.

Also help on the logistics of every event and running training sessions, which first took place on "Parque el Virrey".

Education

Universidad de Los Andes

Master of Science - MS, Industrial Engineering · (2016 - 2018)

Arizona State University

Lean Six-Sigma Black Belt Certification, Engineering · (2014 - 2016)

Pontificia Universidad Javeriana

Data Science Certification, Statistics · (2015 - 2015)

Universitat Politècnica de Catalunya

Abroad Studies, Industrial Engineering · (2013 - 2014)

Universidad de Los Andes

Bachelor of Engineering (B.E.), Industrial Engineering · (2009 - 2014)