



Nicolás González Calderón

Full Stack Developer | Data Scientist | AI Specialist


Experienced full-stack developer skilled in frontend and backend web development, specializing in seamless AI and API integration. Proficient in UI design, managing databases, and developing AI-driven solutions to solve complex problems. Expert at data analysis, machine learning, and extracting insights from large datasets. Passionate about building intelligent solutions that leverage AI and Data for cutting-edge advancements.

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PROFESSIONAL EXPERIENCE

Full Stack Developer

Narcisca Digital Solutions | 2023 - present | Buenos Aires, Argentina

CHOOSE project: Development of a web application for searching establishments in the Autonomous City of Buenos Aires, including hotels, restaurants, cafes, bars, and confectioneries. It includes:

- Creation and management of the database.
- Filters and suggestions to tailor the results.
- Functionality for rating establishments.
- Free access with an option for registration to receive personalized recommendations.
- Detailed list with the option of direct contact with the establishments.
- Tourist routes and activities to enhance the search experience.

Interactive map project: Crafted a website featuring an interactive map of the Hotels, Bars, Cafés, and Restaurants in Buenos Aires City that belong to the AHRCC.

Business Analyst - Full Stack Developer

BGS Soluciones | 2020 - 2023 | Buenos Aires, Argentina

- Data analysis with advanced business knowledge to provide clear and concise insights of business performance, trends, and opportunities for decision making.
- After an exhaustive analysis we added a new service, achieving an 18.6% increase in benefits and strengthening our position in the market.
- Monitor the performance of the implemented solutions and gather feedback to propose continuous improvements and optimizations.
- Elicit and document needs and objectives.
- Analyze the data to identify patterns, trends, and potential issues.
- Implemented a new software system that significantly improved performance. By optimizing resource allocation, freeing up capacity, enabling to allocate additional personnel to our core commercial activities within the same administrative budget.
- Developed the company's website.

Budget and Expense Management Manager

Ministry of Tourism, Buenos Aires City Government | 2016 - 2020 | Argentina

- Create, manage, and monitor budgets, control expenses, and ensure financial sustainability while maximizing resources and achieving organizational goals.
- Prepare annual budgets based on the objectives, historical spending patterns, and projected revenue.
- Regularly review and analyze actual expenses against the budget to identify discrepancies and take corrective actions.
- Use financial data to forecast future expenses and revenue, enabling the ministry to plan effectively and make informed decisions.
- Identify potential financial risks and develop strategies to mitigate them. This may involve creating contingency plans or adjusting budgets as needed.
- Optimized budget management staying within the spending range of the assigned budget from 95% to 99% consistently, also building trust and support which facilitated budget approvals and necessary adjustments.

Branch Manager

Galicia Bank | 2010 - 2016 | Argentina

- Collaborated with upper management in strategic planning to align the branch's objectives with the bank's overall goals.
- Monitored financial performance, expenses, budgets, and cash flow.
- Utilized analytics to track performance metrics, identify trends, and make well-informed decisions. Profitability improved, contributing 3% more to the bank's overall profits compared to the previous year.
- Ensure we met sales targets and fostered business growth achieving 15% increase in new account openings, driven by growth in the business segment.
- Managed the branch operations, managerial, administrative, and customer service duties reaching a Net Promoter Score (NPS) of 37.6%, surpassing the bank's average.

EDUCATION

Higher Technician in Data Science and Artificial Intelligence

Instituto de Formación Técnica Superior - GCBA | 2022 - in progress

Degree in Business Administration

Universidad Católica Argentina | 2008-2012

COURSES

Building Systems with the ChatGPT API

DeepLearning.AI | 2023 - in progress

Python Essentials 2 - PCAP

CISCO Networking Academy | 2023 - in progress

Prompt Engineering for Developers

DeepLearning.AI | 2023

Advanced React.js

Codo a Codo - GCBA | 2023

Advanced Python with Django

Codo a Codo | 2022

Python Essentials 1 - PCEP

CISCO Networking Academy | 2022

Python Full Stack Developer

Codo a Codo - GCBA | 2022

Excel for Everyone: Data Analysis

University of British Columbia | 2021

Leadership within organizations and public management

Universidad Torcuato Di Tella | 2018

Motivational Leadership

Universidad Torcuato Di Tella | 2017

Coaching

Universidad Torcuato Di Tella | 2016

CERTIFICATIONS

National Registration: advise and creation of mutual funds (M.N: 11.971)

Comisión Nacional de Valores | 2013-2014

LANGUAGES

Spanish (native)

English (bilingual)

SKILLS & TOOLS

Front-end:

HTML
CSS
Sass
Bootstrap
Tailwindcss
MUI (Material-UI)
JavaScript
VUE.js
React.js
Vite

Back-end:

Python
Django

Database:

SQL
MySQL
PostgreSQL
PhpMyAdmin
SQLite
MariaDB
Heidi SQL
MongoDB
Firebase

Version control:

GIT
GitHub

Cloud Services and Platforms:

AWS (Amazon Web Services)
PythonAnywhere
Google Cloud
Fly.io
APIs

Data Analysis:

pandas
NumPy
seaborn
Matplotlib
scikit-learn
SciPy

API tools:

Postman
Thunder Client

Development environments:

VS Code
Google Colab

Development:

Architecture
Scrum (agile methodology)

Tools:

Financial reporting tools
Google Workspace
Adobe Ps, Ai & Pr
Microsoft 365