Ronald Bello

Senior Backend Developer • Systems Engineer • Backend Lover

• About Me

I'm a passionate backend developer with a deep love for programming, especially in PHP, Node.js, and Python. I've been working in the field since 2012, taking on roles in backend development and Full Stack. I always tackle technical challenges and find innovative solutions. I have extensive experience in web application development, RESTful APIs, and integration of external services. My ability to design and develop efficient, scalable solutions, coupled with my focus on continuous improvement, will bring valuable talent to create quality products and enhance the user experience at your company.

• Experience

Backend Developer at Cobro Digital S.R.L., Argentina

January 2022 - Present

Cobro Digital is a company dedicated to providing comprehensive payment, collection, and payment solutions tailored to each company's needs. It is PCI certified for credit and debit card payments through various payment gateways.

Projects:

- Refactored the core system code within a payment gateway server to change the encryption method from a single encryption key to multiple encryption keys in order to comply with PCI data security regulations and protect customer information.
- Developed an integration with the ThreatMetrix API (a cybersecurity platform) with the payment gateway server to receive customer digital fingerprint information and perform fraud risk analysis. This implementation reduced the rejection rate of payments by 10% from payment gateways.
- Refactored code for a credit and debit card operations details API to improve its performance, resulting in a 90% reduction in response time.
- Developed an integration with Payway's Direct Debit method to create a new subscription-based payment product, allowing new customers to charge a fixed monthly amount to their payers while reducing the use of sensitive customer data to comply with PCI standards.

Tech Stack:

Languages	PHP 8.2, PHP 7.4, JavaScript ES6, SQL
Frameworks/Libraries	Proprietary CSS Framework, Proprietary Front-end Framework, Proprietary PHP Backend Framework
Development Environment	Apache 2.4, DBeaver 23, Docker 24, PostgreSQL 12.12 (Ubuntu 20.04), Ubuntu 23.04
Platforms	Internal Linux Servers under PCI compliance, Payway, ThreatMetrix

Full Stack Developer at Datasocial SL, Spain

February 2021 - May 2021

Datasocial is an agency specialized in HubSpot that offers comprehensive sales, marketing, and customer service solutions to help businesses grow. The company stands out for optimizing technological platforms, centralizing processes, implementing automations, and increasing conversion rates, providing support in inbound marketing and training teams to maximize

revenue and efficiency.

Projects:

- Developed a web telephony application that integrated HubSpot API services and Dialoga Spain API services to access customer contact lists in HubSpot and make calls to those contacts from the HubSpot website through an iframe, using Dialoga Spain's softphone lines. This allowed the client's sales agents to make calls to their contacts from the HubSpot website without leaving the platform.

Tech Stack:

Languages	JavaScript ES6, Python 3.10
Frameworks/Libraries	Node.js 13.14, Express.js 4.17, Hydra.js (Dialoga's proprietary software), HubSpot Calling Extensions SDK 0.0.11, Bootstrap 4.6
Development Environment	Docker 20.10, Virtualbox 6.1, Linux MX 19.3 (all), Ubuntu 20.10
Platforms	HubSpot

Full Stack Developer at Hotel Wyndham Concorde, Venezuela
May 2019 - February 2021

Hotel Wyndham Concorde Isla Margarita is a luxurious 5-star resort known not only for its impressive facilities and amenities but also for its technological and innovative approach. During my time as a Full Stack Developer at the hotel, I led innovative projects to enhance the customer experience and maintain operations during the COVID-19 pandemic.

Projects:

- Developed a QR code reader for Club Concorde membership cards to control access to the hotel's facilities, maintaining social distancing regulations during the COVID-19 pandemic.
- Developed the "Club Concorde" system, a tool for managing customer club memberships. The system handles the sale, monitoring, and subscription of customers to membership plans, as well as generating sales reports for those memberships. This system allowed the hotel to continue operating during the COVID-19 pandemic by using the hotel as a membership-only club without accommodation.
- Developed a chatbot using the Twilio (Facebook partner) API to generate a WhatsApp menu of the hotel's services, streamlining the booking process for customers and the use of services.
- Developed a QR code system for guest wristbands for the "Reserva Fiestas" (Party Reservation) system. This system eliminated waiting times for customers to enter Christmas parties.
- Developed a WordPress plugin for "Reserva Fiestas" that allowed ticket sales for Christmas parties integrated with online payment gateways. This enabled the company to streamline ticket sales for these events.
- Developed an email marketing tool for mass email communication to subscription-based customers. This tool attracted new customers and retained existing ones.

Tech Stack:

Languages	PHP 7.4, Python 3.10, JavaScript ES6, SQL
Frameworks/Libraries	Bulma 0.9, jQuery 3.4
Development Environment	Apache 2.4, Ngrok 2.3, PHPMyAdmin 5.0, MySQL 8.0, WordPress 5.8, Ubuntu on WSL 2, Ubuntu 21.04
Platforms	GoDaddy, Twilio, Dreamhost, MailGun

Full Stack Developer at Hotel Margarita Real, Venezuela

September 2016 - May 2019

Hotel Margarita Real is a property that focuses on providing a luxury experience for its guests. To achieve this, the hotel emphasizes technological innovation and continuous process improvement. During my time as a Full Stack Developer at the hotel, I developed projects aimed at improving hotel operations and guest experiences.

Projects:

- Developed an automated tool for monitoring staff workstations, allowing control over the use of hotel computers and connected devices.
- Developed a guest room registration and assignment system to improve the check-in and check-out process for guests, which previously relied on the use of Microsoft Excel.
- Developed automated database backup scripts to ensure data integrity.

Tech Stack:

Languages	PHP 7.4, Python 3.8, JavaScript ES6, SQL
Frameworks/Libraries	Bulma 0.9, jQuery 3.4, UniFi API client 5.0
Development Environment	Apache 2.4, phpMyAdmin 4.8, MySQL 8.0, Ubuntu 18.04
Platforms	GoDaddy

Full Stack Developer at Voltium,C.A, Venezuela

September 2012 - May 2016

Technology product store.

Project:

- Developed an e-commerce website for selling technology products, establishing the company's online presence.
- Developed an inventory management web system, allowing company staff to efficiently track stock of products.

Tech Stack:

Languages	PHP 5.3, SQL
Frameworks/Libraries	jQuery 3.4
Development Environment	Apache 2.4, phpMyAdmin 4.6, MySQL 5.7, Ubuntu 16.04
Platforms	GoDaddy

• Education

University Education

Name	University
Systems Engineering	Instituto Politécnico Santiago Mariño

Additional Training

Name	Institution
Secure Development	Educacion IT

Secure Software Development	Udemy
Angular 13	Udemy
FrontEnd Development Libraries	FreeCodeCamp
JavaScript Algorithms and Data Structures	FreeCodeCamp
Responsive Web Design	FreeCodeCamp