Raúl Francisco Calderón Rochín

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🔗 [LinkedIn](#) | [GitHub](#) | [Online Resume](#) | [Instagram](#)

Full Stack Developer with nearly 10 years of experience on PHP and complex web systems.
Currently transitioning to Artificial Intelligence and Machine Learning with Python, applying Generative AI models and automation to real-world projects.
I have optimized critical processes on the production environment (financial, real estate, tourism), improving the performance and security.
I have hands-on experience creating content with AI-powered virtual characters and automating workflows with N8N and Make, optimizing social media generation and publishing processes.
I'm looking to integrate web development and AI to automate processes and generate real impact.

Skill & Technologies

Backend	PHP, Python, Node.js, APIs REST.
Frontend	Javascript (Vanilla, Ajax, JQuery, React), HTML, CSS (Vanilla, Tailwind, Bootstrap)
Storage	Database (MySQL, PostgreSQL).
IA/ML	Generative AI & NLP (Prompt Engineering, AI Agents, Text Generation & Analysis), OpenCV, Jupyter Notebook, Scikit-learn, Pandas.
CMS	WordPress, Drupal.
OS	Linux, Windows.
Cloud & DevOps	Virtualization (Docker), Git.
Languages	Spanish (Native), English (Advanced - C1)
Automation	N8N, Make

Work Experience

Powdevs - BillingTree | A REPAY Company – *Full Stack Developer*
📅 2020 – 2024

● Optimized the daily financial generation reports in PDF/XML format, reducing times on execution by 40%.

● Fixed some critical issues on production applying version control and traceability.

● Participated in the Implementation of 2FA authentication by email, strengthening security at least 500 users.

Rivka Development - Sales Simplicity Software, Inc. – *Full Stack Developer*
📅 2019 – 2020

● Developed improvements on a WordPress plugin called "Options Online", used in the real estate sector in the USA.

● Automated the exportation of real estate data with scripts (PHP and XML), making those tasks easier by 65%.

Vagapp Soluciones. – *Full Stack Developer*
📅 2015 – 2019

Developed and gave support to many vanilla projects (PHP, HTML, CSS, Javascript, MySQL) and Drupal.

Main projects:

● WedProduction: Social wedding platform for quotes and events, created on Drupal from scratch.

● VisitMexico: Centralized portal for tourism, events, and culture for the State of Mexico.

● AZ Drivers Club: A platform for quoting and comparing different car insurance plans.

Education

Instituto Tecnológico de Sonora (ITSON) / Software Engineering

📅 2011 – 2015

Languages

● Spanish (Native)
● English (C1 - Advanced)

Personal Projects with AI

● Virtual characters created with AI publishing on social media ([Profiles here](#)).
● Game Control by Computer Vision (Python + OpenCV + NumPy + vgamepad).
● Remove repeated songs on a Spotify playlist with AI (Python + spotipy).
[See more on GitHub.](#)

Courses & Certificates

● [Oracle Cloud Infrastructure Generative AI Professional.](#) (Oracle)

● [Oracle Cloud Infrastructure AI Foundations Associate.](#) (Oracle)

● [Amazon Web Services (AWS).](#) (Udemy)

● [AI & ChatGPT from Zero to Advanced.](#) (Udemy)

● [Introduction to Data Analysis with Python.](#) (Desafío Latam)

[Other relevant certifications.](#)