# Cristian Guerra
*Backend Software Engeneer*



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|---|---|
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I am Backend Developer with over 8 years of experience in designing and implementing scalable, secure, and high-performance backend systems, specializing in Python-based frameworks and cloud infrastructure.
Additionally, I have several years of expertise in system administration and network management.

After taking a sabbatical year to explore the world, immerse myself in different cultures, and broaden my perspectives, I am ready to resume my career and take on new challenges.

## Tech Stack & Skills

- ### Backend development
  Python (Django, Flask, DRF, PyTest), PHP (Laravel), C# (ASP.NET Core), PostgreSQL, MySQL.

- ### Frontend experience
  React, Angular, jQuery, SCSS/SASS.

- ### DevOps
  AWS, CI/CD pipelines, Test-Driven Development, CloudWatch logs management and analysis, AmazonMQ, Amazon Kinesis, Terraform.

- ### Plugin Development and SEO
  Developed custom plugins and optimized websites for WordPress and Magento, with a focus on performance and SEO.

- ### Various
  Github, JIRA, Azure DevOps, Sentry, Adobe Suite, Video streaming, Cryptography, Virtualization.

## Professional Experience

Aug 2018 - Gen 2024

### DIGITHAI Software Group Co., Ltd.
Backend Developer & Tech Lead

`Django` `Flask` `Laravel` `C#` `PostgreSQL` `MySQL` `Wordpress` `CI/CD` `AWS` `OAuth`

- Worked as an external contractor for the **World Food Programme (part of the United Nations)**, contributing to several high-impact projects. The most notable was [WFP SCOPE](#), a platform that supports refugee assistance programs worldwide, benefiting around 50 million people.
  - As part of the backend development team, I was responsible for the **registration and management of beneficiaries**, as well as the printing and distribution of **SCOPECARDs**, which are NFC-enabled cards allowing beneficiaries to purchase essential goods like food and sanitary products.

- Given the platform's large user base, code quality, performance, and data privacy were paramount. Mistakes in the system could have serious repercussions, making **security** and **scalability** critical priorities.
- Implemented **OAuth integration** across the entire portal, managing the migration of existing users to OAuth servers and facilitating the registration of new users.
- Integrated **REST APIs** with external services such as **Western Union**, SMS providers, and other UN systems, often working under **tight deadlines** with incomplete requirements.
- Contributed to other key projects, including:
  - [WFP Partner Connect](): a platform used to evaluate and approve partner proposals for relief operations in country offices worldwide. I managed a backend system and handled its integration with **DocuSign**.
  - [WFP GEMS](): a global asset management and inventory system. I upgraded outdated dependencies, resolved conflicts and deprecations, while also adding new features and integrating it with WFP's ERP system (**WINGS**).
- Promoted to **Tech Lead**, where I supervised a team of three developers. My responsibilities included task delegation, resolving bottlenecks, conducting code reviews, and in general ensuring the smooth execution of operations.
- Contributed to the development of a **portal for tour and hotel management**, which included handling multi-currency pricing, multi-language support, room bookings, voucher generation, and more.
- Developed websites and portals for **Bayer Pharmaceuticals**, smaller businesses, and restaurants. I also provided IT technical support to the **Italian Embassy in Bangkok**.

*References available upon request.*

Jun 2016 - Jul 2018

## YOKKAO Boxing Co., Ltd.
Full-Stack Developer

`Magento` `Wordpress` `MySQL`

- Managed the complete **front-end and back-end development** for multiple websites, including the company's primary **Magento-based e-commerce platform**.
  - Responsibilities included managing **product listings** across multiple languages, **inventory management**, **customer databases**, and **admin accounts**.
  - Developed and implemented **custom plugins** and executed **complex database queries** to enhance functionality, fix bugs, and integrate new features.
  - Integrated various payment gateways, including **credit cards**, **PayPal**, and **cryptocurrency** options. Focused heavily on **security testing** and addressing vulnerabilities.
  - Led **SEO efforts** and conducted **social media marketing** campaigns through newsletters and social media platforms.
- The company also organized **international Muay Thai events**, and I managed **video editing** for the fights and handled **live streaming** to audiences of up to 1,000 viewers.

Oct 2008 - Oct 2015

## Bonlex Europe Srl
IT System Administrator

`Windows Server` `Linux Server` `Network management` `Network Security` `ERP` `MySQL` `PHP` `Wordpress`

- Oversaw the company's entire **network infrastructure**, including the management of both **Windows and Linux servers**, mobile devices, and security systems.
  - Responsibilities spanned **hardware and software maintenance**, ensuring **data security**, and implementing robust **backup and disaster recovery** plans.
- Designed and developed the company website, following both **technical and design aspects**.
- Acted as the primary point of contact for **ERP system support**, assisting users with their issues, and writing custom database queries to resolve them when necessary.

## Education

2003 - 2008
**ITIS J. F. Kennedy** Diploma in Information Technlogies

## Languages

Italian ●●●●● English ●●●●● Thai ●●●○○ Spanish ●●○○○ French ●○○○○ Japanese ●○○○○

## Personal Interests

I'm passionate about technology beyond work. I enjoy DJing and recently began experimenting with electronic music production.
I follow and invest in the crypto markets, delving into the projects and their technical aspects.
I have trained in Muay Thai for 8 years, competing occasionally, which has helped me develop discipline, focus, and perseverance.
My love for travel and photography has taken me to various landscapes around the world. I edit my photos using Photoshop and Lightroom, publishing them online.