

# CAROLINA CAPILLA

## Full-Stack Developer

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Madrid, Spain (Remote, Hybrid, or On-site)

## PROFESSIONAL SUMMARY

Highly skilled Full-Stack Developer with 4+ years of experience in designing, developing, and deploying scalable web applications. Expertise in Laravel, Vue.js (including Nuxt and Pinia), RESTful API development, and MySQL database optimization. Proven ability to collaborate effectively within agile development environments to deliver client-focused solutions. Passionate about leveraging AI and large language models (LLMs) to build innovative applications.

## SKILLS

### Frontend

Vue.js • Nuxt.js • Pinia • JavaScript • TypeScript • HTML5 • CSS • SCSS • Tailwind CSS • Vuetify

### Backend

Laravel • PHP • Ruby on Rails • MySQL • PostgreSQL • RESTful APIs • API Development • Object-Oriented Programming (OOP) • Model-View-Controller (MVC)

### DevOps / Tools

Git • GitHub • GitLab CI/CD • Docker • Heroku • Agile Development • Jira • Asana • Slack

### Agentic AI

Python • OpenAI SDK • Agentic AI • Large Language Models (LLMs) • CrewAI • LangGraph • AutoGen • Model Context Protocol (MCP)

## LANGUAGES

**Spanish** (Native) • **English** (Bilingual - 10 years of international experience)

## PROFESSIONAL EXPERIENCE

### Full-Stack Developer

**Lenox Park Solutions Inc (USA)** | Remote | 04/2021 - 05/2025

- Developed and maintained multiple production-level web applications utilizing Laravel 10 and Vue 3 Composition API, ensuring scalable solutions for diverse client needs.
- Led the migration of a legacy Vue 2 application to Vue 3, resulting in a 40% improvement in application performance.
- Designed, built, and optimized RESTful APIs for data-driven features and reporting dashboards, incorporating caching strategies and query optimization techniques to enhance performance.
- Collaborated with cross-functional teams including product managers, designers, and quality assurance engineers to deliver client-focused solutions from initial requirements gathering through successful deployment.

- Designed and maintained MySQL databases, ensuring data integrity, security, and optimal query performance for business-critical applications.
- Enhanced web application performance by implementing lazy loading, code splitting, and tree-shaking in Vue, substantially reducing initial bundle size and improving time-to-interactive for end users.
- Actively participated in agile development processes, utilizing Jira and Asana for task management and Slack for team communication, consistently meeting project milestones.

## Teaching Assistant (Part-Time)

**Le Wagon Full-Stack Bootcamp** | London, UK | 09/2020 - 01/2022

- Assisted instructors in delivering full-stack web development curriculum (Ruby on Rails, JavaScript), providing support, conducting code reviews, and facilitating group exercises to foster a collaborative learning environment.
- Provided constructive feedback to students, improving their understanding of software development best practices.

## EDUCATION

### Agentic AI Engineering Course

**Udemy** | Remote | 06/2025 - 08/2025

- Intensive training in Agentic AI with Python and Large Language Models (LLMs) including OpenAI, Anthropic, Google, and Grok.
- Hands-on experience building AI agents using OpenAI Agents SDK, CrewAI, LangGraph, AutoGen, and Model Context Protocol (MCP).

### Full-Stack Web Development Bootcamp

**Le Wagon** | London, UK | 04/2020 - 09/2020

- Intensive 9-week coding bootcamp focused on full-stack web development principles and practices.
- Curriculum included Ruby on Rails, JavaScript ES6, PostgreSQL, Object-Oriented Programming (OOP), Model-View-Controller (MVC) architecture, Git/GitHub, and Heroku.

## PROJECTS

**Dev Portfolio** | A modern personal portfolio built with Nuxt, Typescript, and Tailwind CSS, featuring light and dark themes.

<https://carolina-capilla-dev-portfolio.vercel.app>

**Valorant Skill Collector** | A Nuxt-based web platform utilizing the Riot API to fetch weapon skin data, allowing users to browse, discover, create collections, and maintain a wishlist.

<https://valorant-skin-collector.vercel.app>

**Trader Floor AI Simulator** | A sandbox trading floor environment where multiple AI traders research, decide, and execute trades on a schedule. Features a real-time Gradio dashboard, local account database, and pluggable MCP servers.

[https://nyask-trader-floor-ai-simulator.hf.space/?\\_\\_theme=dark](https://nyask-trader-floor-ai-simulator.hf.space/?__theme=dark)

**Deep Research AI Agent** | An AI agent that conducts in-depth research on a given topic, leveraging OpenAI to read sources and generate concise summaries or email notes, accessible through a lightweight Gradio UI.

<https://github.com/CarolinaCapilla/deep-research>