

Juan Carlos Hernández Medina

Senior Frontend Engineer — Angular · TypeScript · Web Performance

Palma de Mallorca, Spain | +34 665390362 | jchernandez9606@gmail.com | linkedin.com/in/juan-carlos-software-developer | github.com/juan-C96

PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience designing and scaling web platforms. Specialized in modern **Angular (v14–v17+)**, **TypeScript**, and decoupled component architectures. Proven track record delivering high-traffic B2C/e-commerce systems for tier-1 brands (Braun, Oral-B, Esprit), driving frontend performance, and automating modern CI/CD deployment pipelines.

TECHNICAL SKILLS

Frontend: Angular (14–17+), TypeScript, JavaScript (ES6+), RxJS, Signals, SSR, HTML5, SCSS/SASS, Bootstrap, Angular Material, Microfrontends.

DevOps & Infrastructure: Git, GitHub Actions, Bitbucket Pipelines, CI/CD, Docker, Nginx, HAProxy, Webpack, esbuild, Linux.

Backend & Security: PHP, Node.js, Express.js, RESTful APIs, MySQL, PostgreSQL, OWASP Top 10, SSL/TLS, Reverse Proxies.

Languages: Spanish (Native), English (Advanced technical proficiency, Professional working proficiency).

WORK EXPERIENCE

Click To Travel

Senior Frontend Developer

January 2025 – Present

Palma de Mallorca, Spain (Hybrid)

- Architected and implemented a scalable component library in **Angular 17** and **PHP** for multi-tenant B2C hospitality platforms (SeaClub, Vivemar, MHouseHotel), cutting new brand delivery time by 35%.
- Engineered custom real-time booking engines tailored to specific conversion funnels, optimizing Core Web Vitals and response latency.
- Coordinated cross-platform frontend integrations and established CI/CD pipeline standards, mitigating release issues across modules.
- Led onboarding, technical code reviews, and evaluation assessments for incoming frontend developers.

Digital55 (Contracted for Scalefast / ESW)

Frontend Developer (Promoted from Intern in Oct 2022)

July 2022 – December 2024

Remote

- Developed high-scale components for global e-commerce enterprise accounts (**Braun, Oral-B, Esprit US/CA**), maintaining checkout funnels, payment gateways, and real-time catalog search filters.
- Refactored legacy **AngularJS** and **Laravel** services into reactive **Angular** patterns, decreasing technical debt.
- Implemented data management dashboards (NacionalRe, PRISMAB) in Angular 14, standardizing UI architecture with Angular Material and Bootstrap.
- Collaborated in cross-functional Agile/Scrum sprints, optimizing RESTful API consumption and cross-browser consistency.

Banco de España

Systems & Integration Administrator Intern

February 2022 – June 2022

Madrid, Spain (On-site)

- Built **Python** automation scripts for Postfix mail routing systems and secure enterprise messaging infrastructures.
- Configured reverse-proxy caching policies and load balancing with **HAProxy** and **Nginx**, boosting internal service uptime.
- Managed user migrations on **LDAP** and automated infrastructure telemetry integrations using Netbox.

Software Engineering Specialization

Postgraduate Technical Specialization & Relocation

October 2021 – February 2022

Madrid, Spain

- Relocated to Spain for postgraduate studies; conducted intensive practical research on modern **Angular**, **TypeScript**, and **Reactive Programming (RxJS)**.
- Engineered modular full-stack prototypes and RESTful API integrations, consolidating advanced frontend architecture design patterns.

Universidad de La Habana

IT Security Specialist

October 2020 – September 2021

Havana, Cuba (On-site)

- Conducted security audits and penetration tests following **OWASP Top 10** compliance with Wireshark and Hydra.
- Automated SSL/TLS certificate renewals using Let's Encrypt / Certbot, securing web servers against critical vulnerabilities.

EDUCATION

Universidad de Alcalá

Master of Science (M.Sc.) in Agile Software Development for the Web

September 2021 – July 2022

Madrid, Spain

Universidad de las Ciencias Informáticas (UCI)

Bachelor of Science (B.S.) in Computer Science / Software Engineering

September 2015 – July 2020

Havana, Cuba