

Email:
pablorejoncamacho@gmail.com

LinkedIn:
in/pablorejoncamacho

GitHub:
github.com/Pol3105

Location:
Spain (Open to Remote / Relocation)

SKILLS

Languages

PythonJavaScript

PHPJavaGoC++

C#

Databases

PostgreSQLMySQL

Tools & Web

HTML5 / CSS3

Git / GitHub

REST APIsReact

Spring BootDocker

AWS (EMR / S3)

Spark / HadoopVite

LANGUAGES

English: B2 (C1 in progress)

Spanish: Native

Pablo Rejón Camacho

Computer Engineering Student | Software & Systems Developer

Computer Engineering student combining rigorous academic training with hands-on corporate IT experience. Highly skilled in building modular full-stack web applications and administrating secure, highly available network architectures. Passionate about applying systems-level thinking, DevOps practices, and performance optimization to solve real-world engineering problems.

PROFESSIONAL EXPERIENCE

IT Infrastructure & Support Manager · Biotech Company2024 — Present

Administrated corporate IT systems, secure network infrastructure, and critical biological research databases under a high-availability environment.

- PRTO Optimization: Oversaw IT infrastructure across a biotech environment, utilizing Active Directory and secure backup protocols. Reduced weekly backup verification times and incident resolution latencies to **under 15 minutes** on average, ensuring a 100% data durability rate.
- Managed security permissions and secure system access controls, resolving corporate access-related issues with zero security breaches.

EDUCATION

B.Eng. in Computer Engineering · University of Granada (UGR)2022 — 2027 (expected)

Core coursework in algorithms, operating systems, hardware architectures, database engines, computer networks, and software engineering.

Erasmus Academic Exchange · Università Roma Tre, Italy🇮🇹2025 — 2026

Erasmus exchange at Università Roma Tre (Rome, Italy). Software engineering and web systems coursework — SIW projects (Football Manager, Art Gallery) deployed to production on a self-managed VPS. High adaptability to multicultural engineering environments.

Cybersecurity Bootcamp🚀 · University of Málaga · funded by Google2026

KEY PROJECTS

Vessel — Self-Managed Micro-PaaS Engine (Open Source)Go, Docker Engine API, Caddy, PostgreSQL, Bash

Micro-PaaS engine written in Go — a private Render/Fly.io on a single VPS: provisions containers via the Docker Engine API and hot-routes traffic with zero downtime through Caddy's admin HTTP API. Multi-tenant network isolation with dynamic bridge networks and databases with no public ports.

Open SourceZero-DowntimeMulti-tenantHardening

- Security: API bound to **127.0.0.1** managed over SSH tunneling, timing-attack mitigation via constant-time compares, 1MB request body limits, and high-entropy password generation with **crypto/rand**.

CampoSync — Agricultural Management PlatformJava, Spring Boot, React, PostgreSQL + pgvector, Python, Docker

Full-stack digital field notebook compliant with Spanish FEGA/SIEX regulations, built under a strict "Secure by Design" philosophy.

Secure by DesignViteFEGA/SIEXDatabase Indexing

- Performance Gain: Integrated historical databases from Ciudad Real, optimizing query execution plans using custom indexing strategies to reduce database retrieval latencies by **35%**.
- Big Data (Roma Tre): benchmarked retrieval (TF-IDF, BM25, pgvector embeddings) and the Hibernate N+1 problem with **100,000 records** — JOIN FETCH: **3.6x throughput**, -72% P95; shipped to production search.

TriajIA — Emergency Triage PlatformNext.js 14, TypeScript, Prisma, PostgreSQL

Engineered a clinical-grade triage automation system in closed beta. Integrates Anthropic Claude SDK using adaptive prompts for interactive autotriage. Features strict multitenant cryptographic isolation, middleware-driven Role-Based Access Control (RBAC), and an immutable EditLog audit system.

Closed BetaAnthropic SDKRBAC MiddlewareEditLog Audit

Organizator — Self-Hosted Productivity Hub (Cloud → VPS Migration)React, Node.js/Express, PostgreSQL, Docker, GitHub Actions

Full migration of a managed cloud stack (Vercel, Railway, Supabase) to a single self-hosted VPS, removing vendor lock-in and owning every layer: custom auth with JWT + bcrypt replacing Supabase Auth, parameterized queries on the native **pg** driver, and CI/CD with GitHub Actions over SSH.

DevOpsSelf-HostedJWT + bcryptCI/CD

- Hardening: DB bound to **127.0.0.1** only, cloud firewall (22/80/443), Fail2Ban, and key-only SSH. Running in production with real daily use.