

HÉCTOR ANTRUEJO

.NET Software Engineer | AWS Architecture | Blazor Server

hector.antruejo@gmail.com • www.hectorcloud.es • linkedin.com/in/hector-antruejo1

PROFESSIONAL PROFILE

Software Engineer focused on .NET solutions, AWS cloud architecture, Blazor Server, automation, observability, and product delivery with technical judgment and business context. Experienced in modernizing legacy applications, integrating systems, and turning custom software into SaaS products. A concrete example: a self-built cloud cost analysis tool that saved a client 20-30% of their infrastructure costs. I integrate AI into my development methodology (impact analysis, refactoring, test generation, and documentation) while keeping technical judgment and validation in control.

KEY SKILLS

Backend	C#, .NET / ASP.NET Core, Entity Framework, REST APIs, WebSockets
Frontend	Blazor Server, JavaScript, TypeScript, SCSS / CSS, responsive UI
AWS Cloud	Solutions architecture, AWS CDK (IaC), Lambda, serverless, cost optimization
Data	SQL Server, Oracle, PostgreSQL, MongoDB
DevOps	Docker, Git, observability (Serilog, Filebeat, Graylog)
Methods	Scrum, Jira, AI-assisted development (GitHub Copilot, ChatGPT Codex, Claude Code)

WORK EXPERIENCE

.NET Developer • Redytel

Apr 2025 — Present

Development and evolution of .NET solutions for Redytel's iTuc systems, participating in integrations between manufacturers, internal tools, and healthcare service systems, focused on legacy service modernization and improving the architecture, quality, and maintainability of critical applications.

- Integrations between manufacturers and healthcare service systems: direct coordination with technical owners, plus configuration and deployment across clients with technical validation during rollout.
- Progressive refactoring and migration of services from .NET Framework to .NET / .NET Core, preparing them for multi-platform deployment on Windows and Linux over x86 and ARM architectures.
- Evolution of web applications toward Blazor component-based interfaces, applying SOLID principles, design patterns, and Clean Architecture-oriented approaches.
- Data layer with Entity Framework on Oracle and PostgreSQL, improving encapsulation and reducing coupling with legacy systems.
- Observability pipeline: structured logs (log4net evolving to Serilog), ingestion and tagging with Filebeat, centralization in Graylog, and daily aggregates to track system health.
- Functional and load tests built from scratch to validate migrations and cover pre-existing business logic; AI-assisted development for impact analysis, refactoring, and test generation.

Stack: C# • .NET Core • ASP.NET Core • Blazor Server • Entity Framework • Oracle • PostgreSQL • MongoDB • Docker • Serilog • Graylog • Filebeat • Git • Scrum

Systems Analyst • Aindeep Technology Solutions

Mar 2021 — Apr 2025

Technical development and delivery of cloud solutions and platforms for clients, combining AWS architecture, operational automation, backend work, ecommerce, and mobile applications.

- Self-initiated Blazor Server tool to inventory volumes, snapshots, and orphaned or unused resources, enabling **20-30% savings on a client's infrastructure costs**.
- Client infrastructure as code with TypeScript and AWS CDK; management of AWS infrastructure for websites, ecommerce, services, and APIs.
- WordPress and Magento websites on scalable AWS infrastructure, including PHP plugins and Python lambdas to automate purchases and user onboarding; end-to-end WooCommerce ecommerce.
- Mobile real-time game with Node.js backend, REST APIs, and scalable AWS deployment; modernization of a Node.js application unused for over 4 years with TypeScript, unit tests, and load tests.

- Management and supervision of a mobile app built with Ionic Framework, Angular, and TypeScript, deployed to Android and iOS.
- Jira platforms aligned with Scrum methodologies and operational automation with Power Automate.

Stack: AWS · AWS CDK · Lambda · TypeScript · Node.js · Python · Angular · Ionic · Blazor Server · Docker · MongoDB · Scrum · Jira

Co-founder · Saregames S.L.

Jan 2017 — Mar 2021

Creation and evolution of own products from scratch, with direct responsibility for technical decisions, product design, prioritization, architecture, and platform operations.

- Video game platform foundation with .NET Core servers and APIs prepared for scale, sharing users, data, and currencies across several games.
- Unity3D and Android games with real-time communication, coordinated caches, and cascading notifications across servers and dependent components.
- Dashboards to observe live matches and support daily operations; websites and internal dashboards on the .NET ecosystem.

Stack: .NET Core · .NET Framework · C# · REST · WCF · WebSockets · SQL Server · Unity3D · Android · Stripe · Caching · Scrum

PERSONAL PROJECTS

PersonalAquariums · personalaquarium.com

own SaaS product in production

- Responsive web application to manage aquariums, species, symptoms, treatments, water measurements, and compatibility between aquarium animals. Built with .NET Core and Blazor, with image optimization and AI-assisted development.

HectorCloud · www.hectorcloud.es

technical portfolio with online CV

- Living professional portfolio with real cases, localized ES/EN routes, JSON content catalogs, PDF CV, and Playwright tests, built on Blazor Server.

EDUCATION AND TRAINING

Degree in Computer Engineering — Software Engineering

University of the Basque Country (UPV), San Sebastián (Spain)

Higher Diploma in Telecommunications and Computer Systems

Somorostro Training Center, Muskiz (Spain)

AWS Solutions Architect training

AWS solution design, infrastructure as code, and cost, security, and operations criteria

Continuous technical training: Advanced C# and .NET Core · Blazor Development · AWS CDK (IaC) · Scrum Master and Agile Methodologies

LANGUAGES

Spanish	Native
English	Limited working proficiency