

ANTONIO COSTA

.NET Engineer | Backend & Full Stack
Development

Stirling, UK

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PROFESSIONAL SUMMARY

Senior Software Engineer with 19 years of experience across the Microsoft ecosystem, from the early .NET Framework through to **Cloud-Native Microservices** on **.NET and Azure**. I build new systems and modernise complex legacy platforms, taking ownership from design through to production, and I have worked in **e-commerce, payments, hospitality and logistics** among other domains, including end-to-end ownership of a **payment provider integration**. I am a hands-on developer who cares about clean, testable code and works daily with AI-assisted tooling such as Claude Code.

TECHNICAL SKILLS

- **Core Backend:** C# (.NET Core / .NET 5/6/8), ASP.NET Web API, Entity Framework Core, SQL Server, Refit.
- **AI:** Claude Code (skills, Workflows, worktree), GitHub Copilot, Gemini/Antigravity
- **Payments & Risk:** Payment provider (PSP) integration, local and alternative payment methods, fraud detection integration, transaction logging and real-time monitoring.
- **Cloud & Infra:** Azure Functions, Azure Service Bus, Docker, Ubuntu Linux (VPS), Nginx, Cloudflare.
- **Identity & Security:** IdentityServer4, OAuth2.
- **Data & Messaging:** RabbitMQ, Azure Service bus, Elasticsearch, Coralogix, New Relic, Redis.
- **Frontend & Mobile:** Blazor, .NET MAUI, JavaScript, AngularJS, Umbraco CMS, WinForms, WPF, Xamarin
- **Others:** Microservices, CQRS, TDD, SOLID.

PROFESSIONAL EXPERIENCE

Mews | London, UK (Remote) **Software Engineer III** | *July 2024 – July 2026*

- **Backend Integration:** Developed and maintained critical integrations with major channel managers / OTAs (SiteMinder, Booking.com) using **.NET**.
- **Microservices:** Built microservices that decoupled the system and improved modularity.
- **Data Consistency:** Built two-way synchronisation between the Mews platform and external partners.
- **AI-Assisted Engineering:** Adopted AI-assisted workflows using Claude Code, running a TDD cycle through the GitHub pipeline by writing failing tests, pushing, and iterating on CI until green. Also used Claude Cowork and Skills for repeatable automation, and in-house agentic tooling for automated PR reviews and bug fixing within GitHub.

Aqovia | London, UK **Senior Software Engineer** | *August 2023 – July 2024*

- **Cloud Development:** Executed full-stack development using **.NET Core and Azure**.
- **Serverless Implementation:** Built and deployed **Azure Functions** (Event & HTTP triggered) and utilised **Azure Service Bus** for message handling.
- **Quality Assurance:** Implemented unit tests and contributed to CI/CD pipelines.

ByBox | Coventry, UK **Senior Software Engineer** | *May 2021 – July 2023*

- **New Product Build:** Worked on the backend for a new **.NET MAUI** app for 3rd party carriers, facilitating locker deliveries.
- **Desktop & Mobile Clients:** Contributed WPF and Xamarin components alongside the new .NET MAUI app, during the move from legacy to modern client frameworks.
- **Messaging Systems:** Used **NServiceBus**, **Azure Queues**, and **MSMQ** to handle communication between distributed devices and the central system.
- **Sync Logic:** Implemented Time-Triggered Azure Functions (CRON) to synchronise the main SQL database with device data.
- **Team Workshops:** Took part in Event Storming and DDD sessions defining team boundaries and system logic.

Spotlight | London, UK **Senior Software Developer** | *April 2018 – April 2021*

- **API Development:** Designed new API endpoints and created **RabbitMQ** message handlers to integrate the CRM with other platforms.
- **Dynamics 365:** Developed plugins, workflows, and integrations for Dynamics CRM (v9) using C#.
- **Support & Stability:** Provided 3rd line support, monitoring system health and resolving issues.

Green Man Gaming | London, UK **Senior Software Engineer & Team Lead** | *March 2016 – April 2018*

- **E-Commerce Dev:** Developed and maintained a high-traffic e-commerce platform using C#, AWS and Episerver, working across the CMS and API layers including performance analysis and optimisation.
- **Payments Integration (owned):** Led the addition of BoaCompra to the platform's existing payment providers, managing the team through delivery and opening Latin American and Iberian markets. This covered fraud system integration through an in-house abstraction layer, transaction logging and real-time monitoring, and automatic Zendesk tickets when an integration failed.
- **Leadership:** Mentored the team, conducted code reviews, and managed small technical projects (Team Lead role: May 2017 – April 2018).

PERSONAL PROJECTS & R&D

Creator | **KeepOnBudget.com** *A full-stack personal finance SaaS platform, built and operated end to end.*

- **The Tech Stack:** Built with **Blazor**, **.NET Core**, and **SQL Server**, hosted on **Ubuntu Linux (VPS)** using **Nginx** as a reverse proxy. Managed the server administration, including Cloudflare for security and caching, and automated backups.
- **Event-Driven Architecture:** Implemented **RabbitMQ** to drive a **CQRS** pattern, handling distributed events and real-time user notifications. Integrated **IdentityServer4** for centralised authentication and authorisation.
- **Modernisation:** Migrated the legacy backend from .NET Framework to **.NET Core**, improving performance and enabling cross-platform hosting.

EDUCATION & CERTIFICATIONS

- **Licentiate Degree in Computer Engineering (BSc Equivalent)** *Universidade de Lisboa, Portugal* | 2002 – 2007
- **Learning Docker** | LinkedIn (Issued Dec 2025)
- **Microsoft Certified:** .NET Application Development Foundation (70-536) | *Microsoft* (c. 2008)
- **Domain-Driven Design (DDD) workshop.**

LANGUAGES

- Portuguese (native) | English (fluent)