

# Carlos Bourque

## Freelance .Net Software Developer

As a software developer specializing in Azure, C# and T-SQL, my expertise lies in delivering scalable and secure cloud solutions for managing various types of businesses. I am passionate about using my knowledge to develop software that transforms the industry and always looking for challenges to make a significant impact.

### WORK EXPERIENCE

#### Product Owner, Technical Lead

May 2020 – Present

Connectorfy SL, Madrid

- Orchestrated the design and development of a brand-new product development project that resulted in a cutting-edge portal for professional offices and end users; leveraged real-time data collection from multiple systems and Azure to provide a seamless experience for users
- Designed and implemented serverless technology to build a cost-effective data processing system on Azure; reduced data processing costs by 40% while increasing scalability to handle 10x more data
- Built the whole project infrastructure using Azure DevOps including CI/CD
- Lead a team of up to seven developers (back and frontend) and designers using Agile methodology
- Collaborated together with stakeholders on all stages of the process

#### Co-founder, Technical Lead

May 2014 / November 2022

Siros Management Solutions SL, Málaga

- Led the design and development of high-quality and scalable software for hotel and resort management
- Created a customized PMS software from scratch and hosted it on Microsoft Azure
- Used Service Apps and SQL Azure for implementation and automated the deployment process through Azure DevOps pipelines
- Incorporated custom control panels in Power BI that allowed for effective internal management and informed decision-making
- Held frequent meetings with stakeholders and end-users to ensure the software met their needs. This included requirement gathering, tracking, feature reviews, and user testing to ensure the software met quality requirements
- Worked on image processing projects using technologies such as C#, .NET Core, Azure, Service Apps, and Azure Cognitive Services for OCR of passports and identity documents. This required attention to detail and skill in working with sensitive data

#### Business Analyst, Software Architect

June 2005 – April 2014

Petchey Leisure / Leisure Dimensions Limited, Málaga

- Led the design and development of high-quality and scalable software for hotel and resort management
- Created a customized PMS software from scratch and hosted it on Microsoft Azure

### CONTACT

- Fuengirola, Málaga, Spain
- Open to Remote
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- https://bourque.es

### SKILLS

- C#
- .Net / .Net Core
- T-SQL
- SQL Server / Azure SQL
- Database Design
- SaaS Solutions Design
- API
- Azure
- Azure Functions
- Azure Storage
- Azure DevOps (CI / CD)
- ASP.NET MVC
- Event Hubs
- SOLID Principles
- xUnit / Unit Testing
- Agile
- Bicep (IaC)
- Azure Data Factory
- Databricks / PySpark
- Jira / Confluence

### OTHER

- Advanced English
- Effective Collaboration
- Adaptability
- Problem Solving
- Stakeholder Communication
- Team Leadership

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## EDUCATION

### Exam 483, Programming in C#

2018

Microsoft Certification

- Equipped me with proficiency in C# programming and various principles including OOP, .NET Framework, security, testing, debugging, and performance optimization, enabling me to design and implement efficient C# applications, write asynchronous code, implement secure coding practices, write unit tests, optimize performance and handle exception

### Exam 70-536, TS: Microsoft .NET Framework - Application Development Foundation

2008

Microsoft Certification

- Gained knowledge and skills in various aspects of application development using .NET Framework. This includes understanding of CLR, assemblies, types, collections, I/O operations, debugging, threading, security, data access, and XML processing. I am now proficient in developing applications using .NET Framework, handling exceptions, debugging and testing, working with data and XML, and implementing multithreading and security measures in my applications

### Técnico Superior en Administración de Sistemas Informáticos y Redes

2003 - 2005

Instituto N°1, Fuengirola

- Completing the Senior Technician in Computer Systems and Network Administration has equipped me with comprehensive knowledge and skills in managing operating systems, configuring networks, troubleshooting hardware and software issues, implementing security measures, and managing IT infrastructure. I am now equipped to effectively administer and manage complex IT systems, networks, and infrastructure for smooth operation and optimal performance