

Carlos Bourque

Freelance .Net Software Developer

I am a software developer with expertise in Azure, C#, and T-SQL. My focus is on creating cloud solutions that are both scalable and secure, which can effectively manage different types of businesses. I enjoy applying my knowledge to build software that can make a real difference in the industry, and I'm always on the lookout for new challenges.

WORK EXPERIENCE

Principal Software Engineer

June 2023 – Present

UST, Madrid

- Data Principal Engineer at Schrodgers
- Implemented CI&CD pipelines to the team
- Refactored existing ADF projects to Snowflake
- Designed and develop Power BI for financial data

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 massive 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.
- Lead a team of up to seven developers (back and frontend) and designers using Agile methodology.
- Collaborated with stakeholders on all stages of the process.
- Built the whole project infrastructure using Azure DevOps including CI/CD.

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.
- 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.
- Developed image processing projects using technologies such as Azure Cognitive Services for OCR of passports and identity documents. Eliminating the need of expensive special systems and reducing the cost by 97%.

Business Analyst, Software Architect

June 2005 – April 2014

CONTACT

- Fuengirola, Málaga, Spain
- Open to Remote
- carlos@bourque.es
- +34 661091885
- [linkedin.com/in/carlosbourque](https://www.linkedin.com/in/carlosbourque)
- github.com/carlosbourque
- bourque.es

SKILLS

- C#
- .Net / .Net Core
- T-SQL
- Snowflake
- Power BI
- 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
- Git / Github
- xUnit / Unit Testing
- Agile
- Bicep (IaC)
- Azure Data Factory
- Databricks / PySpark
- Docker
- Azure Container Registry
- VB.Net
- Jira / Confluence

OTHER

- Advanced English
- Effective Collaboration
- Stakeholder Communication
- Team Leadership

Petchey Leisure / Leisure Dimensions Limited, Málaga

- Led the design of the company's main application, working with a team of 8 people to create proprietary software in .Net Framework and MSSQL that managed the vacations of over 200,000 customers. Created technical specifications and business analysis as a Business Specifications Analyst.
- Designed, created and maintained web pages connected to the company's database.
- Developed tools for customer management and online payments, as well as an online booking engine.
- Created and maintained web services and interfaces with third-party applications.
- Worked closely with end users and stakeholders to ensure that the software met their needs and expectations.

EDUCATION

Exam 483, Programming in C#

2018

Microsoft Certification

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

2008

Microsoft Certification

Técnico Superior en Administración de Sistemas Informáticos y Redes

2003 - 2005

Instituto N°1, Fuengirola