# Alexandre Fernandes

**Senior Software Engineer**                                    London, United Kingdom

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*http://go.alexandrefernandes.co.uk/pluralsight*

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## PROFILE

High calibre **Senior Software Engineer** with 10+ years experience delivering **quality-oriented** solutions to clients big and small using .NET, C# and ASP.NET WebApi in Agile environments. Pragmatic **Clean Code and Best Practices**, exposure to CI/CD pipelines, team leadership and mentorship, and SOA/MSA design and implementation.

Now looking for a rewarding **greenfield project** to deliver robust and creative solutions, upscale team performance and **product quality**, and effectively take the business to the next level.

## EXPERTISE

→  .NET Framework, **C#**, T-SQL, OOP (10+ years)

→  SOLID, DRY, YAGNI, KISS, Design Patterns, Clean Code (8+ years)

→  **ASP.NET WebAPI**, SOA, JSON (4+ years)

→  Unit Testing, Integration Testing, Acceptance Testing, TDD, xUnit, MSTest

→  **.NET Core/5/6**, **Microservices**, Docker, **Azure Functions**, Azure Message Queues

→  ASP.NET MVC, HTML5, CSS, Angular, Typescript, jQuery

→  SQL Server, MongoDB, Azure Cosmos, Azure Blob Storage

→  Git, GitHub, TFVC, CI/CD (TFS/Azure DevOps, Jenkins, TeamCity)

→  **Consistently delivering quality-oriented solutions that prioritise the "-ilities".**

## ACHIEVEMENTS

→  **Successfully delivered an MVP** of an application deployment testing solution for LoginVSI in .NET Core 2.1, C# and ASP.NET WebAPI, with a **Microservices** Architecture (MSA) on Docker **containers for scalability**.

→  Brought LoginVSI's flagship VDI benchmarking software into enterprise environments. The new **integration** of Active Directory (AD) LDAP protocol into their **IdentityServer4** identity microservice allowed them to deploy their solution to large corporations.

→  **Assembled and led a mid-sized remote multifunctional software engineering team** at a Cybersecurity Startup to streamline their Agile process and design the MVP of an ambitious identity solution in SOA with .NET, C#, ASP.NET WebAPI.

**Principal Software Engineer, CodeXpress** — *Jan/2022 – Present* — Remote

→ Design and implementation of microservices (Container-agnostic) and serverless solutions in Microsoft Azure.

→ Hands-on engineering of .NET Core or later solutions with DDD and TDD methodologies.

→ Emphasis on best practices and principles, such as SOLID, DRY, YAGNI, KISS, Clean Code and Design Patterns.

→ Team leadership with mentoring and coaching on Agile, best practices and principles, methodologies and communication.

→ Autonomous delivery of high-quality bespoke solutions that prioritizes the main "-ilities" of software.

**Skills:** .NET, .NET Core, NET 5/6, C#, ASP.NET WebAPI, REST, T-SQL, NoSQL, Automated Testing, xUnit, Entity Framework Core, Docker, Angular, Typescript, Scrum, Domain-Driven Design (DDD), Microservices Architecture (MSA), Git, Github, CI/CD, Resharper, Microsoft Azure.

**Principal Software Engineer, Tempo** — *Sep/2020 – Dez/2021* — Remote

→ Guided the engineering side of the new Data Team, architecting their data solution with an MSA approach to provide business intelligence and data analysis to their leading platform.

**Skills:** .NET 5, C#, ASP.NET WebAPI, REST, NoSQL, Unit Testing, xUnit, Domain-Driven Design (DDD), Service-Oriented Architecture (SOA), Git, Github, Resharper, Microsoft Azure.

**Senior Software Engineer, Comcast** — *May/2019 – Aug/2020* — Remote

→ Delivered an extensive fully-tested feature to the flagship software that handles dynamic user-defined data in .NET, C# and ASP.NET WebAPI

→ Helped to streamline the Agile team process in terms of communication and collaboration, Jira ticket specifications, Acceptance Criteria, test cases and API documentation.

→ Implemented small features and bugfixes against their legacy solution.

**Skills:** .NET, C#, ASP.NET WebAPI, REST, Typescript, Unit Testing, MsTest, Entity Framework, Mediator, Automapper, Autofac, Scrum, T-SQL, SQL Server, Service-Oriented Architecture (SOA).

PREVIOUS EXPERIENCES

**Senior Software Engineer, LoginVSI** — *Dec/2017 – Apr/2019* — Remote

**Principal Software Engineer (Contract), Scoutfy** — *Mar/2017 - Nov/2017* — Remote

**Principal Software Eng. (Contract), Cybersecurity Startup** — *May/2016 - Mar/2017* — Remote

**Principal .NET Developer, Eleva Educação** — *Nov/2014- May/2016* — Rio de Janeiro, Brazil

**Senior .NET Developer, Petrobras** — *May/2012 - Aug/2014* — Rio de Janeiro, Brazil

**.NET Developer, Petrobras** — *Apr/2010 - May/2012* — Rio de Janeiro, Brazil

**Junior .NET Developer, MXM Sistemas** — *Jul/2009 - Mar/2010* — Rio de Janeiro, Brazil

## SIDE PROJECTS

**Showcasing:** A few software development projects showcased on GitHub.

**Freelancing:** A few small freelance projects in .NET/C# and other technologies.

## EDUCATION AND CERTIFICATES

**Microsoft Azure, Azure Functions, Azure App Services, Cosmos DB**, Pluralsight

**ASP.NET MVC 4, MVC 5, WebAPI, N-Tier C# Applications**, Pluralsight

**Domain-Driven Design**, Pluralsight

**Python 3**, Pluralsight

**.NET Training**, NSI Training

**Associate Degree in Computer Systems Analysis**, Universidade Veiga de Almeida

## LANGUAGES

**English** – Fluent

**Portuguese** – Native