



Filipe Lourenço Teixeira

With 8 years of hands-on experience in software development, I thrive on tackling complex challenges. My journey has been marked by continuous learning, staying abreast of industry trends, and mastering cutting-edge technologies.

As an enthusiastic engineer, I blend creativity with analytical thinking to deliver robust solutions that exceed expectations.

Let's build something remarkable together!

Get in touch!

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Address:

Lisbon Metropolitan Area, Portugal

Skills

- Architecture Design
- Code Design
- System Performance Review
- Developer Productivity
- Troubleshooting
- Technical Documentation
- Requirements Specification
- Effective Team Management
- Agile Project Management
- Scrum
- Public Speaking
- Communication
- Teamwork

Languages

Native:

Portuguese

Proficient:

English

Elementary:

Spanish

Work Experience

Azure Cloud Engineer - Technical Consultant

Microsoft | 2021 - Present

Technical Consultant in Industry Solutions Delivery:

- **Manufacturing - Germany - Lead/Senior Software Engineer - 2.5 years (current)**
Applicational ecosystem running an IoT Platform with >500.000 connected devices, multiple worldwide environments, >850M IoT messages and >30M requests per day. Responsible on upgrading and developing the core system components from API integration to microservices decoupling and event-oriented processing. Managed a 5 person development team as Tech Lead. Tech stack included .NET 6/8, SQL Server, ADO Pipelines and Azure Resources as App Services, Functions, IoT Hub, SQL, Cosmos, Storage, Redis, Stream Analytics Services, Key Vault, etc.
- **Utilities - Norway - Software Engineer - 3 months**
Application was built in Angular 11 and .NET Core 3.1, was fully deployed in Azure, using Azure App Services, Azure Functions, Azure SQL Database. All the operations were managed through Azure DevOps, from the work management in Scrum with Azure Boards, to CI/CD with Azure Repos and Pipelines. Responsible for updating application authentication and authorization to use the latest Microsoft Identity protocol.

Awarded **Microsoft Global Delivery FY22 Rising Star Award**, recognizing that I performed extremely well while demonstrating a growth mindset.

Lead Architect

NTT Data | 2016 - 2021

Started as an Associated Consultant up to Lead Architect:

- **Utilities - EMEA - Azure Architect / AI Engineer**
Supported the customer Intelligent Automation team, where I was in charge of setting the strategy for AI Conversational Chatbots within the company. As well as guideline setting and documentation and PoC set up and demonstration. Tech Stack included Azure Cognitive Services, App Services, Azure Active Directory and Azure Policy.
 - **Public Sector - Portugal - Senior Software Engineer**
Responsible in the migration of an Azure AKS microservices implementation of a proprietary Virtual Assistant application to a new bare metal Kubernetes infrastructure.
 - **Banking - Iberia - Senior Software Engineer**
Worked as a tech lead for a multinational client to develop an architectural strategy for the internal tools API and the front-end developments - Redesigned DevOps processes and oversaw the implementation in Azure DevOps.
 - **Insurance - Portugal - Software Engineer**
Worked as a Front-End Specialist/Architect with the goal to review, evaluate and propose changes to a React/.NET multi-application ecosystem. Refactored several application components using static code evaluation and architectural and development best practices.
 - **Public Sector - European Union - Software Engineer**
Worked as Tech Lead in a project to build an Application to be used Europe wide. The application was developed in ASP.NET MVC 5 with SQL Server.
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Tech Stack

Frameworks and Tools

- .NET 6/8
- .NET Framework
- Entity Framework
- MSTest
- XUnit
- T-SQL
- Angular 11
- React
- ARM/Bicep
- Kubernetes
- ADO Pipelines
- Git/TFS

Patterns

- Microservice Architecture
- Service Oriented Architecture
- Event-Driven Architecture
- Test Driven Design
- Domain Driven Design
- Asynchronous Communication
- Data Stream Pipelines
- Realtime IoT Processing
- Realtime Digital Twin
- CI/CD
- Feature Branching

Azure Resources

- App Services
- Functions
- IoT Hub
- App Insights
- Log Analytics
- AKS
- Redis
- Cognitive Services
- SQL
- Cosmos DB
- Stream Analytics
- Service Bus
- Event Hub
- Key Vault
- Identity Management
- Policy Management
- Azure DevOps

Academic History

Master's in Information Systems and Computer Engineering Instituto Superior Técnico, Universidade de Lisboa

Specialization in Distributed Systems with minor in Embedded Systems;
Recognized with the *2014/2015 - Academic Excellence Award*
Member of the Security@IST team, participated in CTF and other Hacking events

Extra-Curricular Activities

Azure and Office 365 Volunteer Administrator Non-profit Organization | 2018 - Present

Supported the ONG by single handedly configured and deployed the necessary Office 365 configurations, as well as migrated the institution website to the new Azure tenant created. I also managed the user registration and configured all the necessary services and licenses (e.g.: Microsoft E1, Power BI, MFA Service). Currently managing Azure operations as well as the Office 365 services. I also serve as the 1st line proxy for user support.

Tech Speaker and Community Volunteer Several Organizations | 2018 - Present

Speaker in Azure Global Days - Lisbon for 2023 and 2024 editions.
Volunteer in Tech Events such as SharePoint Saturdays Lisbon, TugalIT, etc.

Volunteer Tech Book Reviewer Manning | 2022 - Present

Volunteer as Tech Reviewer in the editing and publishing of tech books by Manning, reviewed over 5 different titles.

Certifications

Microsoft Certified:
Azure Solutions Architect Expert
DevOps Engineer Expert
Azure Developer Associate
Azure AI Engineer Associate
Azure Data Engineer Associate
Azure Administrator Associate
Azure Security Engineer Associate
Microsoft | 2020/21 - Present

Microsoft Certified Fundamentals: Azure; AI; Data; Power Platform; Microsoft365; Security, Compliance, and Identity
Microsoft | 2021

Professional Scrum Master I (PSM I)
Scrum.org | July 2019 - Present

MCSD: App Builder | Retired
Microsoft | June 2018

Project Management Principles and Practices
University of California, Irvine | April 2018