



# 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!**

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## 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

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## Work Experience

### Azure Cloud Engineer - Technical Consultant

#### Microsoft | 2021 - Present

Technical Consultant in Industry Solutions Delivery:

- **Manufacturing - Germany - Tech Lead / Software Engineer - 2.5 years (current)**  
Applicational ecosystem running an IoT Platform with >200.000 connected devices, 3 decoupled worldwide environments, >8M IoT messages and >1.5M calls 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 IA 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** - 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** - 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** - Worked as a Front-End Specialist/Architect with the goal to review, evaluate and propose changes to a React multi-application ecosystem, refactored the application through implementing static code evaluation, architectural and development best practices.
  - **Public Sector - European Union** - 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 (C#, JS, CSS, HTML) with SQL Server database and based on SharePoint 2013 Add-in.
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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

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## 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

Volunteering as a Tech Editor in the editing and publishing of tech books by Manning, reviewed over 5 different titles.

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# 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

## MCSO: App Builder | Retired Microsoft | June 2018

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