Hi, I'm Francesco Belacca 👋

Certified Azure Dev, Admin & DevOps Expert

LINKEDIN   **EMAIL**   ⬛ **GITHUB**   📍 **PARMA, EMILIA-ROMAGNA, ITALY**

🧑‍💻 About Me

Senior DevOps & Site Reliability Engineer | Azure & .NET Specialist

With 9+ years in the tech industry, I help organizations build, secure, and scale their cloud infrastructure. My background spans the full stack—from writing C# backend code to leading development teams and architecting cloud solutions for enterprise clients.

Currently, I serve as an SRE at Würth-IT, where I focus on Azure-centric DevOps, governance, and automation across Dynamics 365, Power Platform, and Entra ID services. I thrive in complex environments where operational excellence is critical.

Key Competencies:

- **Governance at Scale:** Navigating compliance and security in a massive single-tenant environment (85,000+ users, 500+ companies). I orchestrate stakeholders to ensure smooth approvals and operations in a complex corporate ecosystem.
- **Infrastructure as Code:** Expert in Bicep and YAML pipelines (GitHub Actions/Azure DevOps) to implement modern, rapid approaches for creating and destroying cloud infrastructure.
- **Backend Engineering:** Strong foundation in .NET and Blazor for building robust internal tools and customer-facing apps.
- **Security Automation:** Managing large-scale secret rotation (Key Vault) and identity security standards.
- **Cloud Solutions Architecting:** Utilizing rapid prototyping to demonstrate value, align stakeholders, and drive management strategies toward modern technical directions.
- **Power Platform Administration:** Managing and governing low-code environments at an enterprise level.

🎯 **My Mission: To build groundbreaking products that influence billions. I am passionate about simplifying complex distributed systems and applying Domain-Driven Design principles to solve real-world problems.**

Based in Parma, Italy. Let's connect to talk about the future of Cloud Engineering and .NET.
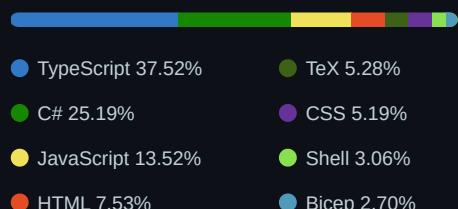
📊 GitHub Stats

Francesco Belacca's GitHub Stats

☆ Total Stars:	22
⟳ Commits (this year):	244
⇅ PRs:	75
ⓘ Issues:	66
⊟ Contributed to:	4

B+

Most Used Languages

- ● TypeScript 37.52%
- ● C# 25.19%
- ● JavaScript 13.52%
- ● HTML 7.53%
- ● TeX 5.28%
- ● CSS 5.19%
- ● Shell 3.06%
- ● Bicep 2.70%

🛠️ Tech Stack

Cloud & Infrastructure: Microsoft Fabric · Business Central · Software Infrastructure · Azure · Microsoft Entra ID · Microsoft Dynamics 365 · Microsoft Power Platform · Cost Optimization · Cloud Security · Windows Azure · Containerization · Distributed Systems · Cloud Infrastructure

Backend & Languages: C# · SQL · OOP · ETL · .NET · JavaScript · LINQ · Database · Server Microsoft SQL · T-SQL · .NET Framework · Microservices

DevOps & CI/CD: Github Enterprise · Powershell Core · Bash · DSC · Automation · DevOps · Version Control · Troubleshooting · Continuous improvement · Git · Windows PowerShell · AZURE DEVOPS

Frontend: HTML · Kibana

Methods & Tools: Stakeholder Management · Public speaking · JIRA · wsl · Communication · Attention to Detail · Analytical Skills · Project management · Agile Methodologies · Agile Project Management · Visual Studio · Microsoft Office · Project

Leadership · Generative AI · Search Engine Technology · Artificial Intelligence (AI) ·
Artificial Intelligence for Business · Chatbots · Microsoft Search

📜 Certifications

`AZURE ADMINISTRATOR ASSOCIATE`   `MICROSOFT CERTIFIED DEVOPS ENGINEER EXPERT`

`MICROSOFT CERTIFIED AZURE DEVELOPER ASSOCIATE`

Other certifications & courses

💼 Experience

Site Reliability Engineer @ Würth IT Italy (Sep 2024 - Present)

📍 Parma, Emilia-Romagna, Italy

- I've been the force-multiplier behind Würth-Phoenix's Microsoft stack.
- Built and maintain complex, dynamic CI/CD in Azure DevOps and GitHub Enterprise for CRM/ERP and Business Central workloads.
- Wrote production PowerShell automation and .NET backend APIs to remove manual toil and harden processes.
- Rolling out Bicep for repeatable, reviewable IaC across environments.
- Lead admin/governance for tenants and repos (Azure, Entra ID, Business Central, Fabric, GitHub Enterprise), enforcing DevSecOps guardrails, RBAC, and compliance by default.
- Partner with developers to shift-left security, codify best practices, and unblock delivery at scale.

Presales Solutions Architect @ Agic Cloud (Jul 2023 - Jul 2024)

📍 Parma, Emilia Romagna, Italia

- Designed Azure landing zones, application architectures, and migration plans for enterprise clients, focusing on scalability, security, and cost control.
- Led technical presales: shaped solutions, produced estimations, and supported bids for complex multi-service Azure projects.
- Drove DevOps adoption using Bicep, GitHub Actions/Azure DevOps YAML, and CI/CD patterns; standardized IaC and deployment practices across teams.
- Engaged with Dynamics teams as an enabler, defining integration patterns, securing workloads with Key Vault/Managed Identity, and improving delivery workflows.

- Collaborated with engineering teams to troubleshoot distributed systems, resolve reliability issues, and streamline cloud operations.

Backend Team Leader & Cloud Developer @ Agic Cloud (Feb 2022 - Jul 2023)

📍 Parma, Emilia-Romagna, Italy

- Our cloud division (Vetrya Cloud) was bought by the AGIC Techonology group, becoming AGIC Cloud.
- Load tested multiple applications E2E using Azure Load Testing and Jmeter
- Built from the ground up and managed more than one Multi-Region project with Microsoft Consulting with a fully remote team
- Demonstrated AKS potential building and deploying a custom three layered containerized application using Github Actions, bicep, helm, Chaos Mesh, Azure Load Testing and made metric available using Prometheus and Grafana
- Led and helped the Agic Cloud Backend Team grow and succeed
- Contributed to Open Source projects for both Agic Cloud and myself on github

Earlier roles

> 📄 [Full career history on LinkedIn](#)

🚀 Featured Projects

- [macel94](#) — This profile auto-updates from LinkedIn using the [EU DMA Data Portability API](#), a C# script, and GitHub Actions.

🎓 Education

- **Università degli Studi di Urbino 'Carlo Bo'** - Informatica Applicata(CS) (Sep 2014 - Jun 2020)
- **Liceo Scientifico A.Volta Riccione - Corso Sperimentale Brocca** - High School
  > Focus on advanced mathematics and natural sciences within an extended-hours experimental curriculum.

🌐 Languages

- **English** — Full professional proficiency
- **Italian** — Native or bilingual proficiency

🤝 Volunteering

- **Azure Consultant** · education (Dec 2021 - Present)
  > I helped the company with their onboarding on azure for nonprofit helping them obtain 3000$ per year. I helped them choosing the right technology for their use case and building their website, setting up the db, custom domains, etc.
  > https://www.progettosole.org/