Hi, I'm Francesco Belacca 👋

Cloud DevOps Engineer | CI/CD & Infrastructure Automation Specialist

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

🧑‍💻 About Me

Cloud DevOps Engineer | Azure Platform & Release Automation Expert

With 9+ years of experience, I specialize in designing, automating, and optimizing cloud infrastructure and deployment pipelines. My expertise spans CI/CD, infrastructure as code, container orchestration, and platform engineering—enabling teams to deliver scalable, secure, and resilient solutions on Azure.

Currently, as an SRE at Würth-IT, I drive Azure DevOps adoption, automate deployments, and enforce governance for large-scale enterprise environments (Dynamics 365, Power Platform, Entra ID). I focus on improving developer experience, streamlining release engineering, and codifying security best practices using modern DevOps and GitOps principles.

Core Strengths:

- **CI/CD & Release Automation:** Architecting and maintaining robust pipelines (Azure DevOps, GitHub Actions) for rapid, reliable delivery across multiple environments.
- **Infrastructure as Code:** Advanced use of Bicep and YAML to provision, configure, and manage cloud resources with repeatability and compliance.
- **Container Orchestration:** Deploying and managing containerized workloads (AKS, Helm), integrating monitoring and chaos engineering for resilient platforms.
- **Configuration Management & DevSecOps:** Automating secret rotation, RBAC, and security controls to ensure compliance and operational integrity.
- **Platform Engineering:** Enhancing developer workflows, enabling self-service infrastructure, and standardizing build systems for enterprise-scale teams.
- **Cloud Governance:** Leading stakeholder alignment and approval processes for secure, compliant cloud operations at scale.

🎯 **My Mission: To empower teams through automation, scalable infrastructure, and secure delivery pipelines—simplifying the complexity of distributed systems and accelerating innovation.**

Based in Parma, Italy. Connect with me to discuss cloud-native DevOps, platform engineering, and CI/CD best practices.
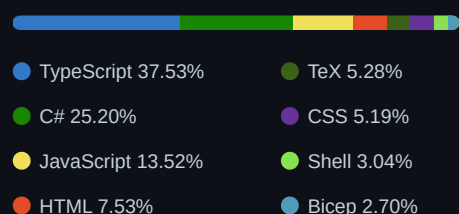
📊 GitHub Stats

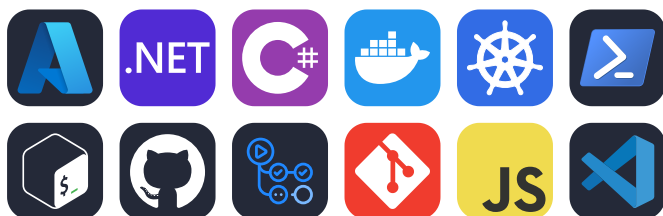**Francesco Belacca's GitHub Stats**

☆ Total Stars:	22	
⏱ Commits (this year):	233	
⇅ PRs:	75	**B+**
⊘ Issues:	66	
⊟ Contributed to:	5	

Most Used Languages

- ● TypeScript 37.53%
- ● C# 25.20%
- ● JavaScript 13.52%
- ● HTML 7.53%
- ● TeX 5.28%
- ● CSS 5.19%
- ● Shell 3.04%
- ● 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

- Engineered and maintained dynamic CI/CD pipelines in Azure DevOps and GitHub Enterprise for CRM/ERP and Business Central workloads, automating deployments and release processes.
- Developed production-grade PowerShell automation and .NET backend APIs to eliminate manual operations and enforce process reliability.
- Implemented Bicep for scalable, reviewable infrastructure as code (IaC) across multiple environments, enabling rapid provisioning and teardown.
- Administered and governed Azure, Entra ID, Business Central, Fabric, and GitHub Enterprise tenants and repositories, applying DevSecOps guardrails, RBAC, and compliance automation.
- Collaborated with development teams to shift security left, codify best practices, and accelerate delivery through platform engineering and automation.

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

📍 Parma, Emilia Romagna, Italia

- Designed Azure landing zones and cloud architectures with a focus on scalable, secure, and automated deployments using IaC and CI/CD.
- Led technical presales, producing estimates and supporting bids for complex Azure projects involving multi-service integrations and automated build systems.

- Advocated DevOps adoption, standardizing Bicep, GitHub Actions/Azure DevOps YAML pipelines, and deployment automation across teams.
- Defined integration and security patterns for Dynamics workloads, leveraging Key Vault and Managed Identity to automate configuration and protect secrets.
- Worked with engineering teams to troubleshoot distributed systems, resolve reliability issues, and optimize cloud operations through automation.

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

📍 Parma, Emilia-Romagna, Italy

- Led remote teams in architecting and deploying multi-region Azure projects, leveraging IaC and CI/CD to ensure repeatable, automated infrastructure delivery.
- Load tested applications end-to-end using Azure Load Testing and JMeter, integrating performance validation into release pipelines.
- Demonstrated AKS capabilities by building and deploying a containerized, multi-layered application with GitHub Actions, Bicep, Helm, Chaos Mesh, and automated monitoring via Prometheus and Grafana.
- Guided the backend team in adopting DevOps best practices and contributed to open source projects to improve build and deployment workflows.

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/