

Fabrizio De Cicco

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Professional Summary

Senior Infrastructure Architect and DevOps Engineer with over 10 years of experience designing, automating, and operating cloud infrastructure for global IoT and enterprise platforms. Proven record of improving reliability, scalability, and developer efficiency through Infrastructure as Code, CI/CD, observability, and SRE practices in Azure and Kubernetes environments.

Core Skills

Terraform, Ansible, Bicep, Rundeck, Azure DevOps, Jenkins, Azure (DevOps, AKS, Functions), Kubernetes, Docker, Linux, Windows, Node.js, Python, PowerShell, Bash, C#, SQL, Cosmos DB, Redis, MSSQL, PostgreSQL, MongoDB, Datadog, Observability, IaC, SLO/SLI, Cloud Cost Optimization

Experience

Culligan International — Infrastructure Architect (previously DevOps Engineer)

Jul 2023 – Present · Milan, Italy

- Lead IoT infrastructure architecture and reliability within the Culligan IoT Platform organization.
- Own end-to-end infrastructure design and operations ensuring scalability, security, and cost efficiency.
- Mentor and guide the DevOps/SRE team, driving automation, observability, and reliability practices.
- Architect and evolve CI/CD, IaC, and monitoring frameworks supporting global IoT solutions.
- Automated provisioning and configuration using Terraform and Azure DevOps YAML pipelines.
- Implemented Datadog monitoring and alerting improving visibility and reducing incident MTTR.

MSC Mediterranean Shipping Company — DevOps Engineer

Mar 2022 – Jul 2023 · Turin, Italy

- Developed and maintained scalable CI/CD pipelines using Azure DevOps and YAML.
- Automated provisioning with Ansible, Bicep, and Rundeck reducing manual configuration tasks.
- Built automation scripts (PowerShell, Bash) improving deployment efficiency and reducing errors.
- Implemented observability and logging with Datadog improving issue detection and resolution.

Deltatre — Application Support Supervisor / Analyst / Software Engineer

Aug 2015 – Mar 2022 · Turin, Italy

- Supervised a 12-person application support team, improving SLA compliance and productivity.
- Collaborated across teams to accelerate incident resolution and improve customer satisfaction.
- Developed backend and web applications (C#, SQL, ASP.NET, Angular) using Agile and TDD.
- Maintained high availability of microservices on Azure using Docker and Kubernetes.

Certifications

- LFCS – Linux Foundation Certified Systems Administrator (2023)
- Microsoft Certified: Azure Administrator Associate (AZ-104) & DevOps Engineer Expert (AZ-400) (2023)
- CKA – Certified Kubernetes Administrator (2022)