

Matteo Sicilia

Junior DevOps / Cloud Infrastructure Engineer
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Profile

Junior DevOps / Cloud Infrastructure profile with hands-on experience in Azure DevOps Server, hybrid cloud environments, Linux/Windows administration, Docker, virtualization and infrastructure automation. Currently working on Azure migrations, VMware/vSphere infrastructure, secure Site-to-Site connectivity and automated operational workflows, with additional exposure to self-hosted Local LLM infrastructure and GenAI integration.

Experience

Junior Sysadmin — Cloud Infrastructure & Automation

- RealComm, Porcia (PN), Italy 2024 – Present
- Migrated enterprise source control and project history from TFS 2018 to Azure DevOps Server 2022, preserving project history and completing the migration with zero data loss.
 - Administered hybrid infrastructure across VMware vSphere/ESXi, Docker-based services, Windows Server and Linux systems.
 - Designed and deployed a hybrid cloud environment connecting on-premise networks to Azure VMs through pfSense, IPsec VPN and secure Site-to-Site connectivity.
 - Automated daily backup verification with n8n, integrating ERP and email systems to reduce manual checks and improve operational reliability.
 - Managed patching, security hardening, system updates, firewall rules and troubleshooting across Linux, Windows and network infrastructure.
 - Built and maintained a self-hosted Local LLM inference environment based on llama.cpp, supporting model selection, runtime configuration and GenAI integration into internal ERP workflows.

Installation Coordinator

- Global Display Solutions, Cornedo Vicentino (VI), Italy 2021 – 2023
- Coordinated international technical installation projects, acting as the main interface between clients and technical teams.
 - Planned inspections, maintenance activities and on-site interventions for deployed hardware.
 - Developed strong troubleshooting, communication and project coordination skills in multicultural environments.

Operator

- Global Display Solutions, Motta di Livenza (TV), Italy 2018 – 2021
- Operated in a production environment with focus on reliability, process execution and team collaboration.

Education

Higher Technical Diploma — Cloud Developer

- ITS Alto Adriatico, Pordenone (PN), Italy 2023 – 2025
- Cloud and software development program covering AWS, Azure, Docker, Kubernetes, microservices and APIs.
 - Programming and databases: C#, .NET, Python, HTML5, CSS, JavaScript, Node.js, PostgreSQL, MSSQL and MongoDB.

Bachelor's Degree in Computing and IT (Software)

- The Open University, Milton Keynes (UK) / Remote 2024 – Present
- Coursework in object-oriented programming with Java, software engineering, networking, IT systems and project management.

Skills

Cloud & Infrastructure: Azure, AWS, Azure VMs, hybrid cloud, Site-to-Site VPN, pfSense, VMware vSphere/ESXi, Proxmox, Linux and Windows Server

DevOps & Automation: Azure DevOps Server, Git, Docker, n8n, Bash, PowerShell, CI/CD fundamentals, backup automation and operational workflows

AI Infrastructure: Local LLM deployment, llama.cpp, self-hosted inference, model runtime configuration, GenAI integration and company-controlled AI workloads

Networking: TCP/IP, DNS, DHCP, VPN and IPsec, firewalls, network troubleshooting, Cisco CCNA in

progress

Development: Python, C#, .NET, Java, JavaScript, Node.js, SQL (PostgreSQL, MSSQL), MongoDB

Personal infrastructure lab

- Manage a Proxmox-based homelab with FOSS self-hosted applications and Linux workloads — documented across this site's projects, runbooks, and notes.
- Practice containerized service deployment, backup strategies, infrastructure troubleshooting and production-like operations.
- Currently expanding hands-on knowledge of Kubernetes and cloud-native infrastructure while preparing for CKA.

Languages

Italian: Native

English: C2

Links

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