

Federico Serra

DevOps

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Tech passionate, Linux enthusiast

Education

- 2022–2024 **First Level Master Degree in Cloud Computing for AI and IoT**, *Unito*, Turin
 - 2018–2021 **Bachelor's Degree in Computer Science**, *Unito*, Turin
 - 2013–2018 **High School Linguistic Diploma**, *Liceo Albert*, Lanzo
- Research
- 2021 **Research Thesis**, *Unito - SUSE*, Turin
A study of Intel's Speed Shift power management technology

Experience

- 06/2024–present **Cloud Operations & Governance Specialist**, *Engineering Group*, Turin
CloudOps - DevOps team. Responsible for the governance of the cloud infrastructure, the implementation of the best practices for the cloud and the automation of the cloud services
- 06/2022–06/2024 **Infrastructure Engineer - Cloud Specialist**, *Cybertech (Engineering)*, Turin
Worked for many P.A. in Italy as well as banks and other critical organizations. Implementing first-class cloud solutions and up-to-date security measures
- 05/2022 **Help Desk**, *Cybertech (Engineering)*, Turin
- 2019 **Web-App** for a local writer

Internships

- 02/2022–04/2022 **Security Specialist**, *Cybertech (Engineering)*, Turin
- 2019–2020 **Assistant Professor**, *Unito*, Turin
"Programmazione I" course

Projects

All my projects can be found at **my github**

Skills

	Great propensity to team work
	Good communication skills
	Ability to teach
	Aptitude for fast learning
	Language
basic	french, german
good	english
native	italian
	Computer skills
Backend / Scripting	Golang, C, Java/Spring, Bash, PHP, haskell, python, systemtap
Frontend	Javascript/Typescript/JQuery/NextJS, HTML, CSS
Database	MySQL, PostgreSQL, MongoDB
Tool	Git (GitHub, GitLab, Gitea), Vagrant, Docker, Ansible, Terraform, Jenkins, GitOps (Gitlab CI, GitHub Actions), Kubernetes, OpenShift, Rancher, Helm, Terraform, AWS (eks, codebuild, codedeploy, lambda, cloudformation), Openstack, Azure (aks), RabbitMQ
Security	API Manager (WSO2, Axway), Keycloak, SSO (OAuth, OIDC, SAML)
OS	Linux, Unix-like, Windows
Markup	L ^A T _E X, Org, markdown
Misc	Devops culture, Cloud-native, Microservice architecture

Certifications

- 2022 Microsoft certified: Security, Compliance, and Identity Fundamentals
- 2022 ApiAcademy: API Product Manager
- 2022 ApiAcademy: API Designer
- 2022 ApiAcademy: API Security Architect

“Autorizzo il trattamento dei miei dati personali presenti nel curriculum vitae ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (Regolamento UE 2016/679).”