
Riccardo Colella

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Overview

I am a Computer Scientist and Engineer, born in Milan but I also lived in Stockholm and Munich. I discovered my love for software engineering and currently I mainly work with containers. I have a strong passion for writing **high-quality code**, I enjoy **learning** new skills, I want to **contribute** my experience to projects and face **challenges** that help me and my team **grow**. I want to **deliver value** from the first day.

Experience

DevOps Engineer, Brainloop AG – Munich, DE May 2023 – Today

- *Saved € 30k/year* implementing a **Python k8s operator** to comply to market specific regulations
- *Saved 12+ hr/mo* automatizing procedures with **Python** and **shell** scripts
- *Reduced data delay in Elasticsearch* from 2+ hours to few seconds optimizing data processing
- *Improved observability* of the systems implementing **Prometheus** rules and **Grafana** dashboards

Site Reliability Engineer, Amadeus – Erding, DE Oct 2021 – May 2023

- *Set up monitoring and alerting* for different middlewares, using **Prometheus** and **Splunk** and **Grafana**
- *Responsibility for the Secret Management solution*, I've updated and restructured it and its **CI/CD** pipeline.
- *Developed e2e automation of new clusters creation* on **Azure** with **Terraform** and **ArgoCD** through **IaC**
- *Developed internal C++ security libraries* using **TDD** and *Pair Programming*
- *Contributed* to the **Go** Open Source project External Secrets Operator

Data Scientist, Telenor SE – Stockholm, SE Jan 2021 – Jun 2021

- *Developed a trouble ticket resolution time estimation model* capable of *achieving an RMSE of 60 minutes* by a deep study of company procedures and using **ML regressors**.

Education

Politecnico di Milano - Milan, Italy Oct 2019 – Jul 2021

- Master of Science, *Computer Science & Engineering*

KTH Royal Institute of Technology - Stockholm, Sweden Oct 2019 – Jun 2021

- Master of Science, *ICT Innovation*

Tallin Institute of Technology - Tallin, Estonia Aug 2020

- Summer School, *Innovation & Entrepreneurship*

Politecnico di Milano - Milan, Italy Oct 2016 – Jul 2019

- Bachelor of Science, *Computer Science & Engineering*

Other

Projects: for a list of projects I have worked on, please visit riccardocolella.it

Programming Languages: Python, Java, C, JavaScript, Go

Technologies: Kubernetes, Docker, Jenkins, Elasticsearch, Azure, Prometheus, Grafana, Helm, ArgoCD/FluxCD, Terraform, Cyberark, Git

Languages: Italian (C2), English (C2), German (B2)