Riccardo Colella

Munich, DE | riccardo_colella@outlook.com | +39 333 349 02 45 | riccardocolella.it

https://www.linkedin.com/in/riccardo-colella/ | github.com/RiccardoColella

Overview

I am a Computer Scientist and Engineer, born in Milan, and I have also lived in Stockholm and Munich. I'm passionate about software engineering and currently focus primarily on working with containers. I have a strong enthusiasm for writing **high-quality code**, enjoy **learning** new skills, and am eager to **contribute** my experience to projects while facing **challenges** that help both me and my team **grow**. I aim to **deliver value** from the very 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)