



GABRIELE GROPPPO

COMPUTER SCIENCE STUDENT AT UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA 📍 MILANO, ITALY 📞 3518535471

◦ DETAILS ◦

Milano
Italy
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Date of birth
10/05/2003

◦ LINKS ◦

[LinkedIn](#)
[Portfolio website](#)
[GitHub](#)

◦ SKILLS ◦

Java
Software Engineering
Android Development (Java & Flutter)
Kubernetes
Helm
Google Cloud Platform
Platform Engineering
MySQL

◦ HOBBIES ◦

Skiing, Hiking, Linux

◦ LANGUAGES ◦

Italian

English



PROFILE

Computer Science student at **University of Milan-Bicocca** with a passion for distributed architectures and software development. Hands-on experience in **Software Engineering**, **Kubernetes**, Java, **Android**, and Platform Engineering gained at Sigemi, where I developed a tool for static and dynamic analysis of Kubernetes Clusters. **Rotaract volunteer** and constantly seeking opportunities to expand my knowledge in Software Engineering, Platform Engineering and **DevOps**.



INTERNSHIPS

Software and Platform Engineer at Sigemi, Milano

Sep 2025 — Dec 2025

Development of KubePattern, a Java-based tool for static and dynamic analysis of **Kubernetes** clusters, aimed at **identifying architectural patterns** and **policy violations**.

The project incorporates a **Pattern as Code** (PaC) mechanism, where patterns are defined as YAML or JSON files pulled from a registry. These files include metadata, filters, and relationships between resources used to discover and score potential pattern candidates. KubePattern retrieves resources, applies the rules specified in the PaC, and then suggests optimal configurations in terms of security, scalability, and reliability.

Configuration and orchestration of **Krateo** manifests for integrating the tool into the company platform, defining automated workflows to improve the developer experience. Active contribution to Infrastructure as Code (IaC) definition with a focus on CI/CD and **Platform Engineering**



EDUCATION

Bachelor degree in Computer Science, University of Milan Bicocca, Milano

Sep 2022 — Present

Studied algorithms and data structures, software development, databases, computer networks, and software engineering. Developed strong problem-solving, analytical thinking, and team collaboration skills.

Participating in academical projects involving software engineering, mobile development and web development.

ITIS Informatica, IIS Alessandrini Vittuone, Vittuone

Jan 2017 — Jan 2022

Studied programming fundamentals and database management. Graduated with a grade of 100/100.



EXTRA-CURRICULAR ACTIVITIES



Associato Volontario at Rotaract, Abbiategrasso

Jul 2023 — Jul 2024

Contributed to community service projects, developing empathy, teamwork, and organizational skills while supporting local initiatives.



Segretario Volontario at Rotaract, Abbiategrasso

Jul 2024 — Present

Managed communications, documentation, and meeting coordination. Developed leadership, organizational efficiency, and stakeholder management skills.



Basketball player at Baskettiamo Vittuone, Vittuone

Sep 2022 — Sep 2023

Serie D Championship



Website management at Mendino SRL, Magenta

Jan 2024 — Present

Leverage Python scripting to automate high-volume media workflows, ensuring efficient bulk renaming and resizing of graphical content to web platforms.



MY PROJECTS



Kubepattern

Java-based (SpringBoot) microservice deployed to a Kubernetes cluster to perform static and dynamic analysis and suggest best practices and architectural patterns to improve deployment quality in a cloud-native environment.



FastestLap

Android application developed in Java that allows users to view weekly race results and explore driver bios, circuit details, and team information.

[GitHub](#)



DoIT

Volunteering platform featuring web and mobile app developed with Next.js, Java Spring Boot, and PostgreSQL, designed to connect volunteers with organizations by matching requests and offers.

[GitHub](#)



Portfolio Website

Custom portfolio website built from scratch using css, html and js with attention to aesthetic details and modern design.

<https://gabrielegroppo.it>