



GABRIELE GROPPPO

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

◦ DETAILS ◦

Milano
Italy
[3518535471](tel:3518535471)
gabriele.groppo03@gmail.com
Date of birth
10/05/2003

◦ LINKS ◦

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

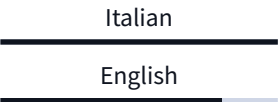
◦ SKILLS ◦



◦ HOBBIES ◦

Skiing, Hiking, Linux

◦ LANGUAGES ◦



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, and Platform Engineering gained at Sigemi, where I developed a tool for static and dynamic analysis of cloud infrastructures. **Rotaract volunteer** and constantly seeking opportunities to expand my knowledge in Software 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 security vulnerabilities. The project involves implementing pattern detection algorithms that analyze YAML manifests and runtime resource state, comparing them against established best practices to suggest 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 developer experience. Active contribution to Infrastructure as Code definition with 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.



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, Abbiategrosso
Jul 2023 — Jul 2024

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



Segretario Volontario at Rotaract, Abbiategrosso
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.

○ **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>