

Filippo Spinella

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EDUCATION

University of Genoa Bachelors of Technology in Computer Science	Sep 2022 - Present GPA: 3.7/4.0
ITIS Italo Calvino High School Diploma in Computer Science	Sep 2017 – Jun 2022 GPA: 3.9/4.0
CyberChallenge National project for CyberSecurity training	Feb 2023 – Aug 2023
LUISS - OII OII preparation course	Apr 2021 – May 2021

EXPERIENCE

Wikicasa.it Back-end developer, Part-Time	July 2023 - Present Genoa (Hybrid), Italy
<ul style="list-style-type: none">Improved the speed of reading agency data from MySQL to Elasticsearch by -83%Implemented a new microservice for managing geospatial polygons, going from ~160ms to ~13msMigrated queries from MongoDB to ElasticsearchI created the first cluster with Kubernetes in companies on bare-metal servers. Managing all CI/CD with Bitbucket pipeline and ArgoCD	
Ikinova Full Stack developer, Part-Time	Lug 2022 - June 2023 Acqui Terme (Remote), Italy
<ul style="list-style-type: none">Restructured backend from php to typescript and clustered with pm2Built a CI/CD environment from scratch with mochajs and GitHub actionsCreated a daemon that auto-synchronises patient data from an API of the Piemonte regionCollaborates for the realization of some parts of the front-end with Ionic and Angular2	

PROJECTS

Management Orders PLC company	Feb 2023 - Mar 2023
<ul style="list-style-type: none">Developed and managed as project manager and back-end developer, a small order management application for a PLC companyused for building: github, mongodb, mongoose, express, docker, react, postman, jest, mdbootstrap	
Visit Berlin IIT Calvino	Apr 2020 - May 2020 GitHub
<ul style="list-style-type: none">Created a web app, for a hypothetical tourism agencyused for building: git, mysql, php, javascript, jquery, Leaflet, html and css	

ACHIEVEMENTS

Participant - Samsung IC	The Samsung Innovation Campus is a specialization course in the IOT and innovation field.	2023
Student - IANUA	IANUA offers a special study plan to the most brilliant students at the University of Genoa (top 10th percentile).	2022
Mentee - LeadTheFuture	Among the few Italian students selected to be mentees for LeadTheFuture, a leading mentorship non-profit organization for students in STEM, with acceptance rate below 20%.	2022
Finalist - Kangourou	Kangourou is a nationwide math and programming competition for the best students in Italy	2022