Filippo Spinella

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EDUCATION

University of Genoa — Sep 2022 - Present
Bachelors of Technology in Computer Science — GPA: 3.7/4.0

ITIS Italo Calvino — Sep 2017 – Jun 2022
High School Diploma in Computer Science — GPA: 3.9/4.0

CyberChallenge — Feb 2023 – Aug 2023
National project for CyberSecurity training

LUISS - OII — Apr 2021 – May 2021
OII preparation course

EXPERIENCE

Wikicasa.it — July 2023 - Present
Back-end developer, Part-Time — Genoa (Hybrid), Italy
- 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 ∼13ms
- Migrated queries from MongoDB to ElasticSearch
- I created the first cluster with Kubernetes in companies on bare-metal servers. Managing all CI/CD with Bitbucket pipeline and ArgoCD

Ikinova — Lug 2022 - June 2023
Full Stack developer, Part-Time — Acqui Terme (Remote), Italy
- Restructured backend from php to typescript and clustered with pm2
- Built a CI/CD environment from scratch with mochajs and GitHub actions
- Created a daemon that auto-synchronises patient data from an API of the Piemonte region
- Collaborates for the realization of some parts of the front-end with Ionic and Angular2

PROJECTS

Management Orders — Feb 2023 - Mar 2023
PLC company
- Developed and managed as project manager and back-end developer,
  a small order management application for a PLC company
- used for building: github, mongodb, mongoose, express, docker, react, postman, jest, mdbootstrap

Visit Berlin — Apr 2020 - May 2020
IIT Calvino — GitHub
- Created a web app, for a hypothetical tourism agency
- used 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