

Mattia Righetti

JUNIOR SOFTWARE ENGINEER

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Summary

Passionate and dedicated jr. software engineer with a background on product management and economics. I have a great past experience with object oriented programming languages and lower level system programming languages. I am deeply interested in backend services and performance optimization, data structures and algorithms and I often find myself writing frontend logic for most of my personal projects. I have a very good understanding of Unix systems, microservices, networking, CI/CD pipelines and good knowledge of computer security. I have worked in large teams of engineers in the past adopting the SCRUM method.

Experience

ParkMate

Milano, Italy

FOUNDER

September 2021

- Database administration and Redis cluster maintainer
- ParkMate iOS app development
- ParkMate backend services with Go and Rust
- Server administration and maintenance, webapp deployment with Docker and NGINX

Politecnico di Milano

Milano, Italy

DEVOPS/FULLSTACK DEVELOPER FREELANCER

June 2018 - September 2021

- Flood Damage Model MySQL database design and management
- Flood Damage Model webapp frontend with HTML and CSS, later moved to VueJs
- Flood Damage Model webapp REST APIs services with Go and Node.js
- Server administration and maintenance, webapp deployment with Docker and NGINX

Skills

Languages Rust, Go, Python, C, Java, Javascript, Swift, Protobuf

Database MySQL, Postgres, Redis, PostGIS

Other Docker, NGINX, AWS EC2, AWS S3

Education

Politecnico di Milano

Milano, Italy

BACHELOR IN COMPUTER SCIENCE AND ENGINEERING

September 2019

Politecnico di Milano

Milano, Italy

MSC IN COMPUTER SCIENCE AND ENGINEERING

Expected graduation date: March 2022

Projects

All the projects listed below can be found in my GitHub profile along with all my other projects.

Automated web app, blockchain backed, code generator

- Hyperledger Fabric
- Model Driven Development backend generator and blockchain communication
- Eugenia, Acceleo

webex-dl

- Bash script
- Multiprocess command line utility to download webex recorded videos hosted on the Politecnico di Milano server

teams-dl

- Bash script
- Multiprocess command line utility to download teams recorded videos

HNReader for macOS

- macOS
- Swift
- Hacker News native reader

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