

Matteo Maso

Software Engineer

SUMMARY

Driven by curiosity and a wide range of interests, I am always looking to contribute in the most meaningful way for people and our planet. I have a background in software engineering, and I am currently working as a backend developer, helping AiSight to scale. Previously, I developed five applications for clinical research projects in the healthcare industry. During 2020 I launched a startup in the lighting design sector.



EXPERIENCE

Backend Developer, AiSight

Nov 2021 – current, Berlin DE

- Developing a new service using server-less solution on AWS
- Migrating backend tech-stack to NestJS + Typeorm.
- Worked on 3 POCs to introduce new backend technology.
- Increase our APIs integration test from 5% to 95%.



Software Engineer, Advertima

Aug 2021 – Oct 2021 (company downscaling), Berlin DE

- Facilitated the monitoring of Kafka using Prometheus to expose metrics.
- Configured a Grafana dashboard to improve fault detection.



Full Stack Software Engineer, Khymeia

Apr 2020 – Jul 2021, Padua IT

- Managed the software development of 100 cognitive exercises.
- Delivered 3 applications for clinical research projects on virtual reality, smartphone app and real-time body movement tracking.
- Set up the company's GitLab server to speed up the development process.
- Developed 3 different software dashboards to visualise custom raw medical data in a meaningful way.



Co-founder, Ayuppie: lighting design platform

Oct 2019 – Apr 2021, Treviso IT

- Shaped the idea and the platform by collaborating with 5 people.
- Launched the company online - reached 100 waiting list subscribers.
- Designed the crowdfunding strategy reaching 115K of investment.



Intern as Research Software Engineer, NEC

Sep 2018 – Apr 2019, Heidelberg DE

- Analysed the data structure design of 2 permissionless blockchains focusing on the security aspect - Bitcoin and Ethereum.
- Performed an entropy analysis of different types of Bitcoin data.
- Developed a lossless compression algorithm for Blockchain - saved 45%.

PROJECT

DaPrette - Automation Engineer

Sep 2019 - Feb 2020, Padua

- Lectured on Python and machine automation - 150h.
- Built the control system of 2 autonomous food machinery.

EDUCATION

MEng Computer Engineering – 108/110 University of Padua 2016 - 2019

Focused on: Security, Distributed Systems, Bioinformatic, Data mining.

Berlin

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Skills & Competencies

Tech

- Typescript, C#, Python
- NestJS, TypeORM, PostgreSQL
- Swagger docs, openAPI
- Jest, e2e-test, MySQL
- VR, Blockchain, Unity3D
- Git, Linux, Docker
- Security & Privacy

Transversal

- 360° vision
- Value-driven
- Teamwork
- Design thinking, OKR

Languages

English (professional)

Italian (native)

External Courses

- AWS - Cloud practitioner
- AWS - Solution Architect associate
- Applied Web Application security, Erasmus online
- Softskills, Performando

