



Matteo Salonia

GNU/Linux Sysadmin &
full-stack developer

- ▶ Born on 8 Dec 2004
- ▶ Living in Ragusa (RG), Italy
- ▶ Graduated with 98/100

Contacts

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Skills

GNU/Linux	>7 years
Cloud Computing	3 years
Infra management	>5 years
Frontend development	>7 years
Backend development	>5 years
Domains & DNS	>7 years

Languages

Italian: Native

English: B2 QCER Certification

Biography

I have solid experience with **GNU/Linux servers & web development**. Since the age of 13 I have developed a strong interest in computer science, dedicating a lot of time to **exploring, analyzing, and understanding the functionalities of operating systems, networks, web sites**, and technology in general. My experience on GNU/Linux servers includes **configuring and optimizing systems**, as well as **solving complex problems**. I am always looking for **new opportunities to deepen my knowledge**, and stay updated on the **latest trends** in technology. My passion for computer science is reflected in my approach to work, where I commit to providing **efficient and innovative solutions**. I am a **results-oriented** collaborator, ready to contribute to the **success of the team and the organization**.

Certifications

In **November 2024**, I won a scholarship for the **AWS re/Start** program, which I am currently participating in at the **Edgemony** training school.

I'm currently studying to obtain the **Solutions Architect Associate** certification.



AWS Certified Cloud Practitioner (February 2025)

This certification demonstrates mastery of **cloud computing** principles. This credential rigorously examines the components of the **AWS ecosystem**, including an **analysis** of the **reference architectures**, a **broad range of services**, as well as **established best practices** for **security and regulatory compliance**.

Skills

Over the years I have undertaken a path of **autonomous learning**, which has allowed me to **significantly expand my skills** in **various areas**. Here are some of my **hard skills**:

- **GNU/Linux:**
 - Kernel configuration & compilation
 - Server administration (distro: **Amazon Linux, Gentoo, RHEL**)
 - Suricata IPS/IDS, ufw, iptables
 - Implementation of **Fail2ban** and **AbuseIPDB**
 - Rate-limiting
- **Cloud Computing:**
 - Management of **cloud infrastructures**
 - Implementation of **best practices** in various scopes
- **Web servers:**
 - Implementation of **security policies** and **SSL certificates**
 - Modern HTTP protocols: **HTTP2** and **HTTP3/QUIC**
 - Rate-limiting
 - **nginx** configuration

Education

2020 – 2023

**Corporate Information Systems
(Sistemi Informativi Aziendali)**
ITC Archimede, Modica (RG)

During these years I further developed my **computer skills**, studying & practicing with various **programming languages**, **full-stack development** (front-end & back-end), management of **GNU/Linux servers**, and the **protection** of these. I graduated as an **Accountant & Computer Expert** (Ragioniere Perito Informatico), with a score of **98/100**.

2018 – 2020

Administration, Finance & Marketing (Amministrazione, Finanza e Marketing)
ITC Archimede, Modica (RG)

During these years I gave importance to the acquisition of linguistic skills in the English language.

2018

Cambridge English
During 8th grade I attended the “**Cambridge English**” private school, where I received the **B2** certification.

Awards

- ▶ Merit-based scholarship
- ▶ CONI Giovani Medal
- ▶ “Giochi della gioventù”
- ▶ 2 Trophies
- ▶ “Leggere = Crescere”

Interests

- ▶ Linux Kernel
- ▶ GNU/Linux Servers
- ▶ Cloud Infrastructures
- ▶ HPC
- ▶ Electrical engineering
- ▶ Electronics
- ▶ Bodybuilding

- **Website development:**
 - Frontend: **HTML**, **CSS**, **vanilla JS**
 - Backend: **PHP**, **Laravel**
- **Domain names & DNS:**
 - **Zone and record** administration
 - **DDNS client** implementation via **API calls**
- **Databases:**
 - **RDBMS** (MySQL/MariaDB, Aurora)
 - **noSQL** (DynamoDB)

Soft skills:

- **Autonomy:** independently managing and organizing work
- **Resourcefulness:** acting proactively, proposing new ideas
- **Teamwork:** collaborating effectively with other team members to achieve common goals
- **Leadership:** guiding, motivating and coordinating one's team
- **Precision:** observing and taking care of even the smallest details
- **Problem solving:** analyzing complex situations and implementing effective solutions
- **Resilience:** ability to face and overcome difficulties, even under stress
- **Knowing how to listen:** paying active and empathetic attention to others and their needs

Experience

I decided to **start a career immediately** for several reasons. I have always believed in the **importance** of **practical experience** as an **essential complement to studying**: working right from the get-go has allowed me to acquire **concrete skills**, and to apply knowledge in a **real-world context**, thus facilitating **deeper and more meaningful learning**. I am motivated by the **desire to actively contribute** to a project, and to see the **results of my commitment**. I believe that working right from the start allowed me to develop a **results-oriented mindset**, and to refine my **problem-solving skills**.

Omicron Elettronica S.r.l.

Alarm & Video surveillance systems
Cloud infrastructures

07/2023 – 10/2024

With **Omicron Elettronica** I was able to explore the world of **alarm** and **video surveillance systems**, also working with **electrical systems**, **data networks**, **rack cabinets**, **cable laying**. Here I also managed several **cloud infrastructures**. I worked at this company not only in 2023, but also in the **summer of 2022**, when I was still in high school, carrying out the same tasks. Even though I was an **apprentice**, I was still able to carry out most (if not all) tasks **independently**.