

EMANUELE SEMINARA

Computer Engineer

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ABOUT ME

It's a pleasure to introduce myself: I'm **Emanuele**, a **Computer Engineer** passionate about **technology** and **computers** since childhood. During the studies, I deepened my knowledge in **software development** and developed an interest in **cybersecurity**. I work as a **Software Developer** at **Elca Informatique SA**. I'm aware that a one-page resume can only provide a glimpse, so feel free to explore [my website](#) for a more comprehensive understanding of my background and skills.

EXPERIENCES

Full Stack Developer



Elca Informatique SA

 Apr 2024 - Now  Palermo

- **Reservation System Development:** Contributed to the development of a reservation system using Angular for the frontend and Spring for the backend. I created new components for the frontend, managed the audit, and generated Excel reports in the backend. Additionally, I developed frontend tests with Jest, participated in the implementation of end-to-end tests with Cypress, and improved the DevOps pipelines, transitioning from Jenkins to GitHub Actions.
- **Swiss Pension Management System:** Worked on a management system for Swiss pensions with a Spring backend and a JavaFX frontend. I primarily focused on bug fixing for the frontend and the creation of tests for the backend using Mockito.

Software Developer

Progesi S.p.A.

 Aug 2023 - Mar 2024  Rome

- **Military Software Development Project:** I was actively involved in the development of a desktop application in **Java** for ground military operations, **specializing in collaboration with the main client, Leonardo S.p.A.**. My role encompasses the **design and implementation of tailor-made software solutions** to address the unique challenges of this context.
- **Military Cloud Service Installation:** I played a crucial role in the **support and configuration** of an advanced **Cloud service** within a military center, meticulously managing **web servers, proxies, and databases**. Ensuring an efficient installation, I ensured that the service fully met the **specific needs of the military environment** in which it was implemented. These experiences have significantly **enriched my professional skills**, showcasing my ability to tackle **complex technical challenges** and manage projects in **highly sensitive environments**.

EDUCATION

Bachelor's Degree in Computer Engineering

Università degli Studi di Palermo

 2018-2021  Palermo

Specialized subjects:

- Electronic Computers C.I.
- Programming
- Databases and Information Systems
- Algorithms and Data Structures
- Computer Networks and the Internet
- Operating Systems
- Web and Mobile Programming
- Software Engineering

COURSES

- Spring Angular Full Stack Course
- Angular 18 Bootcamp
- Docker for Web Developers
- Kubernetes for Developers

HOBBIES

I am a **passionate and curious person**, constantly involved in personal projects that span various areas, including **development, networking, home automation, automation, and Cybersecurity**. This commitment allows me to stay constantly updated on my passions and deepen my skills. In my free time, I dedicate myself to creating projects with my group of friends and developing personal programs to optimize my life. Additionally, I have a passion for **numismatics** and find great satisfaction in team sports, such as **football**.

I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".