Geminiani Guerino

Contacts

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📍 Bologna, Italia

in Guerino Geminiani | LinkedIn

📅 22/05/1996

🌐 [Personal Website](#)

Languages

Italian	First language
English	C1

Skills

- ➤ SQL
- ➤ Python
- ➤ Bash
- ➤ Hypervisor
- ➤ Kubernetes
- ➤ Docker
- ➤ Cybersecurity
- ➤ BI Tools (Grafana and Power BI)
- ➤ Optical FIber
- ➤ Network Infrastructure Skills

Interests

- Tech
- Boxe
- Football

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV and application for recruiting purposes

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With a background in Electronics Engineering from the University of Bologna and a master's degree in Telecommunications Engineering, currently, I work as a Service Signalling Engineer, where I contribute to the development of the Control Room and the new Diagnostics and Maintenance System for ERTMS and Interlocking. Additionally, I focus on enhancing the cybersecurity of the control room infrastructure.

Professional Experience

Service Signalling Engineer

Alstom | 2022 – Present

Strong expertise in telecom network architecture and protocols.
Proficient in using signaling monitoring tools and analyzing signaling data for troubleshooting and optimization.
Skilled in designing and implementing signaling filters and rules.
Experienced with containerization technologies, including Docker and Docker Compose.
Solid understanding of network security principles, best practices, and secure communication methods like Data Diodes. Skills Acquired:

- ✓ SQL
- ✓ Cybersecurity
- ✓ Python
- ✓ Hypervisor (VMware/VSphere/Harvester)
- ✓ Kubernetes/Docker/Docker-compose
- ✓ IMP, SNMP (TCP/UDP) protocols
- ✓ Data Analysis and BI Tools (Grafana and PowerBI)
- ✓ Network Infrastructure Skills

Project Manager Assistant

Connecting Europe,
Luis Montot 105, 41007 Seville (Spain) | 2018 – 2020

Main Task: Organizing international student mobility within European Union countries; Facilitating work placements by coordinating relationships between companies and students.

Education

Master: 2022-2023

Scuola di Alta Formazione in Ingegneria dei Sistemi per la Mobilità Integrata

Alma Mater Studiorum - Università di Bologna

Master Degree: 2019-2022

Telecommunications engineering

Alma Mater Studiorum - Università di Bologna

Bachelor Degree: 2015-2019

Ingegneria Elettronica e Telecomunicazioni

Alma Mater Studiorum - Università di Bologna