

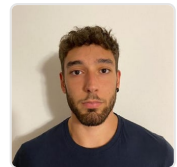
Luca Muro

Full Stack Software Engineer

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PROFESSIONAL PROFILE

Software engineer with experience in full stack development, software architecture, and Linux infrastructure management. I lead projects end-to-end: requirements analysis, development, deployment, IoT/VoIP integration, and coordination with internal and external stakeholders. Background in electronics, automation, and machine learning.

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer

July 2024 – Present

First Point S.p.A., Fidenza, Italy

- Design and development of full stack web applications.
- Technical coordination with external clients and internal departments.
- Requirements analysis, project tracking, and delivery alignment.
- Development of microservice-based SaaS applications.
- Linux environment management, Nginx routing, and Docker deployments.
- Integration of IoT devices and VoIP/PBX systems.
- Management of internal AI servers exposing APIs for application projects.
- Implementation of structured logging, observability, and health checks.

Curricular internship

January 2021 – July 2021

Techcab S.r.l., Casale, Italy

- Development of a biometric identity recognition system and PPE compliance detection.
- Application of artificial intelligence and machine learning techniques.
- Area: engineering and design (960 hours).

TRAINING EXPERIENCE

Internship

November 2017 – January 2018

ACMI, Fornovo di Taro, Italy

- On-machine wiring, sensor installation, and commissioning support.
- Support to electricians and technical documentation analysis (320 hours).

Internship

February 2017 – April 2017

CFT Group, Parma, Italy

- Bottling line improvement and software/hardware troubleshooting.
- Collaboration with engineering and electrical circuit development teams (640 hours).

EDUCATION

B.Sc. (L-8)

2018 – 2023

Computer, Electronic and Telecommunications Engineering

Thesis: *A system for recognizing worn Personal Protective Equipment*

Supervisor: Jacopo Aleotti

- University of Parma — Department of Engineering and Architecture

High school diploma

Electronics and Electrical Engineering, Automation track – 2018

Automation Technician

- I.I.S.S. A. Berenini, Fidenza, Italy

TECHNICAL SKILLS

LANGUAGES	TypeScript, JavaScript, Python, Java, C, C++
BACKEND	Node.js, NestJS, REST API, WebSocket, Socket.io, RabbitMQ, TypeORM
FRONTEND	SolidJS, Vite, HTML, CSS
DATABASE	PostgreSQL, TypeORM
DEVOPS & INFRASTRUCTURE	Linux, Docker, Docker Compose, Nginx, Git, GitHub, autodeploy
OBSERVABILITY	Grafana, Loki, Fluent Bit, structured logging, health checks
AI / ML	TensorFlow, Keras, PyTorch, Scikit-learn, Pandas, NumPy, AI API integration
INTEGRATIONS	IoT, custom connectors, VoIP/PBX, distributed systems
PRACTICES	Requirements analysis, technical delivery, stakeholder coordination

LANGUAGES

LANGUAGE	LEVEL
Italian	Native
English	B1

I authorize the processing of personal data contained in this curriculum vitae in accordance with Regulation (EU) 2016/679 (GDPR).