

# CURRICULUM VITAE

Fabio Marcone

Senior software engineer & team manager

## Personal Information

Date of Birth: June 8, 1977 – Dolo (VE), Italy

Nazionalità: Italian

Marital Status: married

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## Summary

A highly **accomplished IT professional** with over 20 years of extensive experience in **software development, team leadership, and complex project management**, backed by a solid academic foundation in Computer Science. Specialized in **Industrial Automation, Web Solutions, Cybersecurity, and Data Analysis**, with a strong passion for technological innovation and **Industry 4.0**. Proven history of success across various leadership roles, from managing development teams to directing a self-owned company, demonstrating exceptional **problem-solving skills**, resource management, and a strong **results-oriented** approach.

## Education & Training

- Nov 2025 – **ATEX basic course**
- Jun 2025 – **React training course**
- May 2025 – **Next.js training course**
- Jan 2025 – **Google AI Essentials Certification**
- Jan 2025 – **Google Cybersecurity Professional Certificate**
- Jul 2024 – **Project Management Course**, SDA Bocconi

- Jul 2024 – **Big Data training course**
- Jun 2024 – **Artificial Intelligence Training Course**
- Feb 2024 – **PowerBI Training Course**
- Jan 2021 – Self-training on NodeJS, NoSQL Databases, PowerBI
- Oct–Dec 2018 – Advanced English Course
- Feb 2015 – Basic Course on AJO (Abas Java Object)
- Nov 2008 – Basic Course on J2EE (Java Enterprise Edition)
- Dec 2004 – **Master’s Degree in Computer Science** (Software Systems), grade 108/110, University “La Sapienza”, Rome. Thesis in Software Engineering: “*Automatic verification of floating-point adders*”
- 2003/2004 – Civil Service as disability assistant, Opera Don Calabria, Rome
- 1996 – **High School Diploma in Accounting – Programming specialization**, grade 60/60, Technical Institute “G. Manthoné”, Pescara

## Work Experience

**May 2022 / Present - Software Team Manager** – *Tecnomatic S.p.A.*

- Managing activities, task assignment, resource planning, and customer request handling

**Jun 2018 / May 2022 - Senior Software Engineer** – *Tecnomatic S.p.A.*

- Project leader for *LineView 4.0*
- Full stack developer
- Database design

**Aug 2017 / May 2018 - IT Manager – Industry 4.0 Team** – *Cellulose Converting Solutions S.p.A.*

- Smart factory and machine interconnection projects for diaper and hygiene product production lines

**Jan 2013 / Jul 2017 - CEO & Founder** – *S4I srl*

- Industrial automation software design
- Web solution architect and mobile applications specialist

**Apr 2010 / Dec 2012 - Freelance IT Consultant**

**May 2006 / Apr 2010 - IT Specialist & Project Manager** – *2T srl*

- Linux security expert and software developer

**Dec 2004 / Apr 2006 - Trainee IT Consultant** – *2T srl*

- Focus on Linux and open-source solutions

## Other Collaborations

- Apr / May 2015 – Lecturer: “*Introduction to iOS and Android App Development (Cordova)*”, Liceo Scientifico L. Da Vinci & ITS Aterno Manthoné (Pescara)
- Mar 2011 – Lecturer: “*Basic iPad App Development*”, Infosons srl (Rome)
- 2010 / 2011 – Technical Author for **HTML.it** (articles and tutorials on Django, Groovy, Grails, JAMP, Ajax, PHP, Python)

## Main Projects

- Design & development of *LineviewNET SCADA* in C#
- Development of *Time and Performance* web app (Angular, NodeJS, Couchbase, PowerBI integration)
- Supervisory systems for special machines at *Tecnomatic S.p.A.* (AngularJS, .NET MVC, SQL Server, HTML5)
- Industry 4.0 project at *CCS S.p.A.* for smart & interconnected production machines
- Big data supervision system at *FCA-VM Motori* (C++, C# .NET, WPF, SQL Server)
- Mobile apps development (iOS & Android) with Xamarin and Ionic Framework
- NSS 2.0 Pro project: VPN, multi-domain email, multilayer network management
- Linux-based network & security projects (Squid, Proxy, Firewall, ERP integration)

## Languages

- Italian – Native
- English – Intermediate (written & spoken)
- French – Basic knowledge

## Technical Skills

### Operating Systems:

- Windows (from 95 to 11, Server) – Expert
- Linux (Debian, CentOS, Ubuntu) – Advanced
- MacOS – Advanced
- DOS – Advanced

## **Software & Tools:**

- Microsoft Office Suite, Teams, Outlook
- Data Analytics: PowerBI
- UML tools: MagicDraw, Poseidon, Umbrello, SmartDraw

## **Databases:**

- MySQL, SQL Server, PostgreSQL, MongoDB, Couchbase

## **Web Development:**

- Frameworks: Angular, AngularJS, NodeJS, Django, J2EE, Bootstrap, jQuery, Joomla, CodeIgniter
- CMS/E-commerce: PrestaShop, WooCommerce, Shopify

## **Mobile Development:**

- iOS SDK (Objective-C), Xamarin, Ionic

## **AI & Data Science:**

- NumPy, Pandas, Matplotlib, Scikit-learn, Keras, TensorFlow
- Generative AI, Machine Learning, Neural Networks

## **Cybersecurity:**

- Linux-based firewall/router configuration
- Squid Proxy, SquidGuard, Postfix + SpamAssassin, VPN systems

## **Programming Languages:**

- C#, Java, Python, Visual Basic, C++, Pascal, Basic, Cobol, Smalltalk, LabView, Bash
- Web: HTML, CSS, JavaScript, TypeScript, PHP/MySQL, Ajax
- Other: XML, XSLT, JSON, UML, BLIF

## **Other Skills:**

- Team leadership & project management
- Enthusiasm for mastering new languages and technologies
- PLC communication protocols (OPC/OPC-UA, Siemens S7)
- SEO & Google Analytics

## **Personal Interests**

- Technology: AI, databases, mobile devices, networks, home automation
- Sports: Sailing, Running, Swimming, Trekking, Snorkeling
- Hobbies: Sailing, Dog Training, Traveling, Guitar (classical & acoustic)
- Volunteering:
  - Vice President – *Sea Rescue Dog Association* (2020 – present)

- Secretary – *Sea Rescue Dog Association* (2016 – 2020)