

Curriculum Vitae

Personal informations:

Name: Fabio Ferrari

Place and date of birth: 29 luglio 1978 / Carpi (MO)

Address: Strada Tre Olmi 109 – 41123 Modena (Italy)

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Studies:

- Scientific high school degree - 1997 (course with 2 foreign languages, English and German);
- Degree in Computer Engineering - University of Modena and Reggio Emilia, final mark: 99/110, date: july 2003. The dissertation was about developing an Open Source Time-Stamping system;
- State examination: december 2003; in official register of engineers from february 2005;

Work Experience:

- January 2005 - present: freelancer.

Main activities: Design and development of software, System Administration and Integration. Worked for direct or third party customers, in team or independently.

Main clients: ICT-Group (software house), Università di Modena e Reggio Emilia, CTL s.c.ar.l. (trasports and logistics), Servomech SpA (mechanical production), HPS srl (software house), Sunrise Telecom srl (software house), FabEle srl (Startup), Make-It srl (software house), Sicis s.r.l / Nemos s.r.l. / TAS S.p.A. (software house);

- January 2017 – present: Founder of Qwyddy Technologies OÜ in Estonia through E-Residency (field: Software, IoT, Industry 4.0);

- October 2003 - january 2005: employed for Cast Group s.r.l. as Linux System Administrator.

- 2002-2003 (part-time): University of Modena, lessons regarding the usage of E-Mail system;

- 2000-2001 (part-time): freelancing for Texne s.r.l., development of e-commerce websites;

- 1995-1998 (part-time): freelancing for Modena Municipality for the development of the former website www.comune.modena.it. Also carried out the first italian project regarding Digital Identity in 1997.

Technical skills and knowledge:

- Programming languages: JAVA, C/C++, javascript, .NET (C#/VB), PHP, Perl;
- Framework and tools: REST/SOAP Web Services, NodeJs, AngularJs/Angular, Typescript, KnockOut, Spark, JSP/Servlet, Hibernate, Sequelize, Qt, Spring;
- Reports: Jasper Reports, Birt;
- App development: Android;
- IDE: IntelliJ Idea, Eclipse, Netbeans, Microsoft Visual Studio, QT Creator, Android Studio, Spring Tool Suite;
- Databases: SQL, MySQL, PostGRES, SQL Server, Oracle, DB2;

- Operating Systems (administration): Linux server (RedHat, Debian), Windows Server;
- Software (administration): Apache, Postfix, Sendmail, Dovecot, ftp, ldap, Tomcat, Websphere;
- Virtualization/Clustering Systems: Vmware ESXi, VirtualBox, Red Hat Cluster Suite, DRBD, Heartbeat, XEN;
- Micro services systems/tools: Docker, Jenkins, Openshift, Jaeger tracing;
- SBC: BeagleBone, Raspberry, Orange PI, NanoPI, Mini-Itx, Soekris;
- Microcontrollers: ST Nucleo, ESP8266, (Arduino);
- Data analysis: Pentaho Data Integration.

Other knowledge: Public Key Cryptography (PKI), Unified and integrated messaging, IoT, network security, mobile technologies, basic knowledge of Artificial Intelligence and Image recognition.

Other (non-IT or non-technical) skills and informations:

- Experience in management of economic, commercial and legal aspects of small businesses;
- Small business management, Startup, Incubators/Accelerators, Innovation culture, incorporation of companies abroad;
- Hobbies: 3D design and printing, creation of metal/plastic/mixed objects, wood maintenance, investments.

Courses:

- Cisco CCNA certification: february 2005.
- 2008-2009: attended courses regarding Business Plan and Marketing, held by Province of Modena.

Volunteering experience: Ambulance driver and rescuer, Italian Red Cross, local section of Rubiera (RE)

Known languages:

- Native language: Italian;
- English: studied for 13 years at school, got a B2 level certificate from Benedict School in 2015. Worked for almost 2 years with foreign customers, full professional proficiency.
- German: studied for 5 years at school, basic level.

Licenses: B Driving License, BLS-D certificate, sport gun permit.

Modena, november 27th, 2025