



# Luca Finzi Contini

Software Engineer

## PROFILE

- Lead SW Engineer with 25+ years of experience across different industries
- Rooted in world-class telecom software development
- Built solid infrastructure and delivered key products
- International experience with distributed teams and cross-functional coordination
- Liaised with project managers, senior management, developers, partners

## CONTACT



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## HOBBIES

- Electric Lead Guitar Player
- Electric Guitar Mechanical Setup
- Electronic Circuit Setup
- Drummer
- Bass Player

## REFERENCES

[AlcatelReferenceLFC.pdf](#)

## OBJECTIVES

Interested in opportunities in a mixed technical/managerial capacity within R&D teams that cover design and implementation of innovative products

## SOFT SKILLS

- Active listening of team mates and stakeholders to try and find a common ground when dealing with difficult situations
- Strong belief in "putting the cat on the table": it is better to acknowledge weaknesses and mindfully address them instead of sweeping them under the rug.
- Mentoring people with technical and non-technical background
- Dealing with teams coming from different cultures and languages
- Team leading of small teams of 2 to 5 people

## TECHNICAL SKILLS

<i>Programming Languages</i>	Erlang, Shell Scripting, Java, C, Objective C, C++, Assembly, Ruby, Selenium, Ant
<i>Operating Systems</i>	Linux (Ubuntu, Debian, Gentoo), WSL2, macOS, iOS, Android, Windows, RTOS
<i>Tools</i>	VS Code, Git, Docker, Android Studio, Xcode, Eclipse, Wireshark, Jenkins, Selenium
<i>Collaboration SW Databases</i>	Jira, Confluence, Redmine PostgreSQL, Oracle, H2, Firebird
<i>Technologies</i>	Domain Specific Languages, Mobile Platforms, Virtualization, SNMP, TCP/IP, ATM over SDH, Embedded Systems, Digital Audio Algorithms, DSP
<i>Architectural Design</i>	Functional Programming, OOP, Design & CM patterns, Embedded Control Software

## EDUCATION

**2008 - Ca' Foscari University, Venice**

Software Quality Assurance (30/30)

**2008 - Cambridge ESOL First Certificate in English**

**2007 - Certified under the CCNA® program**

**2000 - University of Padova**

Master's degree (1<sup>st</sup> equivalent) in Computer Engineering (101/110)

Qualified for the Engineering Profession

## LANGUAGES

**English** (fluent, both written and spoken); **Italian** (native)

### Personal Data Treatment Authorization

I grant permission for my personal information to be used as per Italian Law 196/2003 and per GDPR Regulation UE 2016/679

## iCare Italy, Padua, Italy

2015 - Present

### Role: Embedded Software Engineer, Healthcare Devices for Ophthalmology

Projects and Activities

- Re-engineering of software installation towards a squash-based layered implementation on medical devices
- Threat Modeling of medical devices and Cybersecurity-related mitigations
- Erlang-based embedded control software
- Script-based service tools for customer assistance development and maintenance
- Test management and execution
- Test automation on Android Exam UI App
- DICOM protocol integration, collaborating with 3<sup>rd</sup> party consultants

Key Learnings

Linux architecture; Functional Programming approach; life cycle of a complex product; dealing with external consultants; People and Resource Allocation; test planning

Value Added to the Company

Respected time and budget for scheduled releases; quickly adapted to unforeseeable changes in deadlines; mentored new hires, even coming from non-technical background; liaised with different teams with a positive collaborating approach

## Finantix, Venice, Italy

2006-2015

### Roles: iOS Software Engineer and Build Engineer, Configuration Manager, QA Team Leader and Engineer

Projects and Activities

- Internal Software QA Team creation and management, using Agile approach
- iOS app project for top-tier APAC bank: team leading; analysis of customer special deliverable requirement; liaise with customer for pre-delivery validation
- iOS internal build automation system for multi-app projects built from scratch
- J2EE Build Engineer

Key Learnings

Team Leading; iOS development; how important a Configuration Management team can be; Company reference on Apple Developer Programs; re-prioritizing my own team's objectives in favor of more pressing project needs

Value Added to the Company

Creative organizational change within Engineering area; strong reduction of project teams' developer idle time; frictionless process to bring new iOS demo projects up to speed in short time; test automation pioneer

## Easy Soft, Vicenza, Italy

2004-2006

### Role: Lead Software Engineer

Projects and Activities

- Development, Maintenance, Tech Debt Reduction of a Java-based 3-tier J2EE accounting application; Performance Improvement
- Sales force automation solution client project integrating Windows CE handhels and custom report generation
- Creatively solved several critical incidents with customers, rescuing their data.

Key Learnings

How to work under stress; Java and J2EE; Mentoring of a Master's Degree internship student on DBMS migration

Value Added to the Company

Saved big contract with key client thanks to performance improvement; Recovered customer damaged databases avoiding lawsuits; new client acquisition thanks to DBMS migration project thesis

**Role: R&D Embedded Software Engineer, Terrestrial Networks Division**

Projects and Activities

- ISA ATM project: design, development, testing and maintenance of carrier-class mission-critical embedded control software for ATM-over-SDH network elements
- Responsibility of SNMP Agent and Connection Admission Control subsystems
- Equipment Protection System feature project: designed complex architecture involving interaction between different systems
- Overbooking feature project: devised constant time algorithm for bandwidth calculations replacing naïve linear time approach, enabling implementation feasibility

Key Learnings

Foundational work experience with a top-level telecom company, learning from seasoned software engineers; strong software development and configuration management practices; job coordination between different teams

Value Added to the Company

Robust development of software; high degree of motivation and commitment; showed resolution in making tough choices when dealing with release show-stopper situation.