

# RESUME - CV

Giovanni Genna – PM & Embedded/Telematic Engineer

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## CORE SKILLS & EXPERIENCE

Working experiences in the field of Telematic Engineering (Project Managements, Team Leader, Telecommunications System Technology; Embedded Engineer, Embedded system Open and proprietary, prototype development, product analysis, technical writer)

## PERSONAL DETAILS

Address: via Salvemini 1, San Donato Milanese (MI)

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NATIONALITY : Italian

Date of birth: 13/04/1982

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## EMPLOYMENT

09/2015 – now

JOB ACTIVITY: Account Manager and Team Leader

COMPANY: Novasis Ingegneria / GDS Holding srl Skills: Relationship manager, security analysis, Test report and SIL2 documentation, forecasting data, reporting data, Misra-C-2012, MIL, EN 60601, EN 62304, EN50128

06/2014 – 10/2014

JOB ACTIVITY: Porting Android JB 4.1.2 on ARM cortex AM335x. I developed kernel driver and configured android user space for tracking dust devices. COMPANY: kalpa srl (Milano)

01/2014 - 05/2014

JOB ACTIVITY: Porting linux yocto on cpu intel atom board. Customization kernel driver for specific roles .The board called DynaCOR 10-00 is a rugged mobile computer developed for installation on-board rail vehicles to perform localization and radio-communication operations.  
COMPANY: Eutotech spa (Udine)

05/2011 - 10/2014:

JOB ACTIVITY: Team and Project Management for R&D area, Management Business Unit ( project budget, plan, team, customer) for turnkey projects.

COMPANY: Brain-tech srl (Turin)

05/2010 - 10/2013:

JOB ACTIVITY: industrial military and civil Embedded systems; WSN (wireless sensor network )development for the environmental data monitoring; forensic analysis upon linux, unix, mac os x and

windows systems (nesC, Tinyos,python, open energy monitor,bash/awk script ,Linux Angstrom, Linux Ubuntu,QNX).

COMPANY: Freelance Telematic Engineer

- 01/2013 - 05/2013

JOB ACTIVITY: coding review for board entry-nav (tegra 2) with OS linux embedded

(windriver toolchain), USB driver, BT driver, script bash to automatic test, kernel layer,udev-rules.

COMPANY: Magneti Marelli(Torino), project BMW Telematics and Entertainments

- 05/2012 - 10/2012

JOB ACTIVITY: firmware design and development for current and voltage data acquisition aimed at inverter auto monitoring (used linux openembedded, development

driver spi, Ethernet Comm, pwm, FFT and iFFT, beagleboard XM, CAN Communication,

external board high performance 32 bit ADC)

COMPANY: bitron spa,Grugliasco (TO)

- 04/2011 - 05/2013

JOB ACTIVITY: slimport. Goods train telecommunication system design and development. Automated monitoring of electronic seals in goods vans container. (used linux embedded like vxWork with proprietary module, TCP/IP server, CAN communication, beagleboard XM prototype,802.15.4 Xbee link by AT Command)

COMPANY: Bombardier Transportation spa, Vado Ligure (SA)

- 03/2011 - 11/2012

JOB ACTIVITY: forensic data processing technical advice (bash and awk own tools, open system linux dist. CAINE and Deft)

COMPANY: investigative police, court of law Marsala (TP)

- 12/2010 – 04/2012

JOB ACTIVITY: gps monitoring system design and development. Web system application for energy reading management (ubuntu linux, cakephp, ublox system, bash script).

Firmware test about ARM board with linux OS (chibios.org) COMPANY: Casano engineering office ,Marsala (TP)

- 01/2009 – 01/2011

JOB ACTIVITY: on board communication protocols development (railway environment). Embedded development (C language on proprietary system) and testing for

Wheel Slide Protection control unit in railways. braking control system development.  
Testing

Activity in European countries: Germany, France, Spain, Italy, Bosnia. COMPANY:  
Faiveley Transport spa, Piossasco (TO)

- 09/2008 – 12/2011

JOB ACTIVITY: Development and maintenance Business Intelligence portal to  
manage wholesale jewelry (Oracle Database Application , Apex, plsql, mysql)  
COMPANY: L'Aurum, Marsala(TP)

- 09/2007 – 04/2008

JOB ACTIVITY: developing Wireless sensor network  
with mote telos revB for domotic system (Operative System used TinyOS), developing user  
interface server side with Visual C# IDE  
COMPANY: ISMB , Torino (TO)

- 09/2007 – 11/2007

JOB ACTIVITY: physics laboratory tutor COMPANY: Torino Polytechnic University

- 07/2004 – 04/2005

JOB ACTIVITY: proprietary control unit protocol design and development  
(C development on micro Motorola 68hc11 )  
COMPANY: VBElectronics, Marsala (TP)

#### • EDUCATION

- 2015 - 2016: Master of Teaching – Università Milano Bicocca (Italy)
- 2005 - 2008: Politecnico di Torino (Italy)
  - QUALIFICATIONS: Master's degree in Telematic Engineering (all network architecture)
- 09/2001 - 04/2005: Università degli Studi di Palermo (Italy)
  - QUALIFICATIONS: Bachelor's degree in Telecommunication Engineering
  - 09/2007 - 01/2008: Erasmus Project – Universidad Politecnica de Valencia (Valencia, Spain).

**ADDITIONAL SKILLS/ATTRIBUTES IT SKILLS**(expert): C,C+ +,,C#, Bash,  
awk,python,Linux, Linux Embedded, ARM CORTEX, Linux Kernel, VxWorks 6.8 user and  
kernel space, Linux Driver, plsql, oracle apex (I have same demo online), mysql  
**Technical Documentation** : System Requirements Doc, Test Requirements Doc, Test  
Results Doc, EN62304, EN50128, Misra 2012 rules **Network Architecture**: TCP/IP,  
ZIGBEE ,GSM , MVB,CAN,WIFI,VOIP, GPRS,GPS **Launguages**: Italian: native speaker,  
English: good ,Spanish: fluent **Hobbies**: sailing, chess **Date and Place** : 1/08/2017,  
Milano (Italy)