Denis Ciccardi

denis.ciccardi@gmail.com
www.denisciccardi.it
Torino (Italia)

WORK EXPERIENCE

Bitron Industrie S.p.A

Sector: Automotive

Firmware Architect - *Period*: September 2018 / Onward (Grugliasco)

- Interface between project team and SW platform team: development, planning and support
- Platform SW module configuration, documentation and development according to HW constraints and customer requirements

Magneti Marelli Automotive Lighting and Body Electronics

Sector: Automotive Body Computer

SW Platform Reference Designer - *Period*: November 2017 / September 2018 (Orbassano)

- SW platform diagnosis teams leader (Italy and India) for all projects
- Define the planning activities according to SW Application Reference Designer and customer requests

SW Application Reference Designer - *Period*: December 2014 / November 2017 (Orbassano)

- SW team leader of 952 project (Alfa Romeo Giulia)
- Responsible to plan and manage the SW development process

Senior Software Designer - *Period*: November 2014 / December 2015 (Orbassano)

- SW developer according to the customer requirement (Vehicle Function)

TXT e-solutions

Sector: Automotive Body Computer

Embedded Software Engineer - *Period*: February 2012 / November 2014

- Consultant at Magneti Marelli Automotive Lighting and Body Electronics (Orbassano)
- SW Developer of Vehicle Function according to the customer requirement

Model Based Design Software Engineer - *Period*: December 2011 - February 2012

- Consultant at Magneti Marelli Automotive Lighting and Body Electronics (Venaria / Orbassano)
- Software modeling with Matlab Stateflow
- Automatic generation of C code from Simulink models and Stateflows

Magneti Marelli Infotainment and Telematics

Sector: Automotive Infotainment

System Integrator and Validator - *Period*: December 2011 / February 2012 (Venaria)

- SW integration, configuration and function test on a system Linux In-Vehicle Infotainment Embedded
- Projects: Platform LUPIN (Liunx Unified Platform for Infotainment); HMI (Human Machine Interface) for EntryNav Project (BMW)

PERSONAL SKILLS

- ***Languages:*** Italian (native language) | English (B2 – Certificate IELTS 6.0)
- ***Programming Languages:*** C[3], CAPL[1], MBD (Model-based design)[1], C++[1], Java[1], Assembler[1], OpenGL[1], UML[1], Qt[1], QML[1]
- ***Tools:*** IAR Embedded Workbench[2](uC Renesas RL78, 78K), Fujitsu Siemens Softune[2](uC FR81 family), DIAnalyzer[3], Vector Geny[1], Vector CANalyzer[3], Vector CandelaStudio[3], Vector CANoe[2], Microsoft Project[2], QA-C[2], Matlab[1], MathWorks Simulink[1], dSPACE TargetLink[1], IBM Rational Team Concert[2], IBM DOORS[2], Enterprise Architect[1], Subversion[2], Git[2], Chrysler Diagnostic Application[1], Venus Iveco[1], WindRiver toolchain[1], TeamCenter Siemens[1], TestLink[1]
- ***Operating Systems***: Real Time OSEK OS[1], Linux[1], Windows[1]
- **SBC (single-Board Computer):** Raspberry Pi[1]
- **Single-Board Microcontroller:** Arduino[1], Espertino[1]
- **Protocols**: CAN[2], LIN[2], OSI model[2]
- **Standards:** MISRA C[2], AUTOSAR[2], ISO 26262[1], Automotive SPICE[1]

Level of knowledge: 1 – Basic | 2 - Intermediate | 3 – In depth

---

EDUCATION AND TRAINING

- **Master's degree in computer engineering** (Politecnico di Torino) Year: 2010 | Grade: 107/110
  - Thesis title: "Dependability study of a Java Virtual Machine for Embedded Systems"
  - Thesis developed together with Infotainment and Telematics department of **Magneti Marelli** (Venaria)
- **Bachelor's degree in computer engineering** (Politecnico di Torino) Year: 2008 | Grade: 97/110
  - Thesis title: "ECM Alfresco-OpenLDAP. Study and implementation of a new user authentication feature"
  - Thesis developed together with Pro-Logic Informatica (Torino)
- **High school leaving qualifications** (Istituto Giuseppe Peano di Torino) Year: 2004 | Grade: 94/100
  - Liceo Scientifico Tecnologico

ADDITIONAL INFORMATION

- I like to increase my skills during my free time. E.g: I created an Android application Articolo48

I authorize the use of my personal data in accordance with Article 13 of Italian Legislative Decree number 196/2003

8 December 2021