

Frédéric BLAIN

Technical manager for disruptive solutions

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 38 years
 French



PROFIL

A project manager with a strong technical background seeking for innovative projects or business creation

Versatile by nature

15 years in embedded products development



SKILLS

Project & team management
Product development
System & Software architecture
Embedded software
Innovation & curiosity
Knowledge sharing
Fast learner
Servant leader
Languages: FR & EN



AWARDS

Valeo embedded software expert
4 patents



EDUCATION

Software Engineering (EPITA)



INTERESTS

- bicycle (1 year travelling in 2019)
- roller skating
- hiking



WORK EXPERIENCE

Valeo - 2007 / 2019 - Créteil / France

Projects / Platforms manager 2017 - 2019

Setup & management of several projects in parallel with high technicity to address new challenges driven by the autonomous vehicle. R&D: 50+ people (Hw, Sw, Meca, Optic, Safety) working in Agile on several sites. Strong mindset of efficiency & reusability to reduce the start of production & amortize the investments. Define a new work organisation, adherence from the teams.

- Thermal, RGB, IR & 3D cameras, radar, Computer vision, AI
- C, C++, Python, GHS Integrity, Jenkys (SIL, HIL), I.MX8, SOTIF, Agile
- Hiring, sourcing, business dev, marketing, consortiums, GDPR

Software team manager 2015 - 2017

Responsible of the innovation software team (30+ people) to architect & develop projects with a large diversity of new technologies. Objective: deep renewal of our products portfolio. From the idea to the 1st customer contract.

- Define the software development process & workflow aligned with the production team
- Disruptive talent acquisition, knowledge ramp up for internals
- Creativity sessions, suppliers screening, business dev, RFQ
- Technical support & reviews, Identify transversal exchanges
- Hand Gesture, Driver sleepiness, Head Up Display, 3D screen, HMI
- ASM, C, C++, python, perl, shell script, Linux Yocto, GHS Integrity

System & Software architect 2010 - 2015

Autosar engineer 2009 - 2010

Standardisation engineer 2007 - 2009

ESME - 2013 / 2021 - Ivry sur Seine / France

Teacher in engineering school - 50 hours / year

- Compilation chain / Embedded development / Arduino

IBM - 2005 / 2007 - Dublin / Ireland

Last level technical support for banking system

- High pressure & technical excellence to solve complex issues