

Nicolas Blazevic

Embedded systems engineer

Curious and keen to learn, I have a broad technical experience. I love open-source and like to have projects of my own in my free time. Besides I have a solid grasp on quality and processes.

Experience

2022-2023 **Safran Electronics and Defense** Aix-En-Provence FR

Helicom Linux Distro: Embedded linux Distribution development. Divers integration & development. BSP customisation for WIFI, GSM, SAT modules and GPIOs. C and Bash based, Systemd services development.
All based on YOCTO for a Helicopter flight data Recorder.

2018-2021 **Cariad VW-group** Berlin DE

R&D System platform: Research and development of in-house YOCTO based Linux distribution for next generation ECUs.
WeShare ECU: Implementation of SocketCAN monitoring, Protobuffer service for shared vehicles access control.
MEB platform BaseServices: Implementation of AutosarAdaptive services for driver notifications.

2016-2018 **Technology & Strategy** Abstatt DE

Bosch, DriverAssistanceSystem: Development of Autosar real time platform, Ethernet diagnostic and Switch configuration, for level 5 ADAS.
Bosch Engineering, Nyon: Customisation of eBike computer for 2 different applications : CES 2016 demonstrator & Agricultural machinery controller.

2013-2015 **CSR plc ltd** Cambridge EN
Test development: Development of tests for ,Mixed Signal SoCs, Silicon wafers.

2012 **ISRA cards** Valence FR
Intern: Antennas and Test-bench development for NFC and Vicinity tags.

2013 **CSR plc ltd** Belfast IRL
Intern: Interoperability testing of Bluetooth audio prototypes.

Training

2020 **Linux Foundation Device driver course LDF435**


2019 **Linux Foundation Kernel Internal course LDF420**


2019 **ISAQB Level 1 Certification for software architect**


2008-2013 **ISEN-Toulon engineering school**
Master of engineering, Electronics, Telecommunications and RFID




CONTACT

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 [nic-io](https://github.com/nic-io)

SKILLS

C/C++ - ARM architecture
RTOS – EmbeddedLinux
Electronics
YOCTO – Python – Bash
Ipv4 Networking

TOOLS

GNUgcc – QEMU- Docker
Gitlab – Jira
VScode – KiCAD - FreeCAD
STMCubeMX – emacs

LANGUAGES

French (Native)
English (Fluent)
German (Fluent)

PROJECTS I like

Zephyr – Yunohost – RetroPi
LineageOS - Linux !

INTERESTS

Trekking – Climbing – DIYing