

92290 Châtenay-malabry

1 à 3 ans d'expérience

Réf : 260826135310

Embedded software engineer

Ma recherche

Je recherche tout type de contrat, sur toute la région Ile de France, dans le Batiment.

Formations

12/2025 : Bac +5 à ESIGELEC - École d'Ingénieurs Généralistes

MSc in Automotive Embedded Systems Embedded Systems, Embedded C, CAN & RTOS, Functional Safety (ISO 26262), ADAS, LabVIEW, Project Management.

12/2022 : Bac +5 à MUTHOOT Institute of Technology and Science

B.Tech Electronics & Communication Engineering Microcontrollers, Sensors, VLSI, Analog & Digital Communication, Semiconductors, FPGA & Electronics.

Expériences professionnelles

04/2025 - 03/2026 :

Embedded Software Engineer chez Claas Tractor Sas sur Vélizy-Villacoublay

Delivered large-scale ECU platform migration from Fujitsu MB90F342 to NXP S32 MCU, implemented watchdog and safe-state architectures, configured and validated MCAL-level peripheral drivers (CAN/J1939, PWM, DIO, GPIO), diagnosed hardware-software integration faults, validated diagnostic services (UDS, KWP2000) with Vector CANoe/CANdela, executed HIL validation campaigns, performed ECU flashing and calibration using internal tooling and LabVIEW test benches.

09/2024 - 02/2025 :

Embedded S/W Development and Testing Intern chez Claas Tractor Sas sur Vélizy-Villacoublay

Built Python automation tool for Azure DevOps REST APIs, created language generator for ISOBUS device descriptor, designed and bench-validated STM32-based PWM control circuit for tractor PTO valve actuation.

Langues

English (Oral : maternelle / Ecrit : expérimenté), French (Oral : courant / Ecrit : intermédiaire), Malayalam (Oral : maternelle / Ecrit : expérimenté)