

MIGUEL ALMEIDA

SOFTWARE ENGINEER

CONTACT

✉ luismiguelra1015@gmail.com

📍 Aveiro, PT

EDUCATION

2018 - 2023
FACULTY OF ENGINEERING,
UNIVERSITY OF PORTO

- Integrated Masters in
Electrical and Computer
Engineering

SKILLS

- Languages: C, Python
- Embedded: AUTOSAR Classic
(CDD)
- Tooling: Jenkins, Git, Jira,
Trace32
- Quality: MISRA, Unit Testing,
ISO 26262

LANGUAGES

- Portuguese (Native)
- English (Fluent)
- German (A1)

INTERESTS

- Running
- Fitness
- Movies

PROFILE

Software Engineer with experience in embedded systems, CI/CD automation, and performance optimization. Delivered Complex Device Driver (CDD) in AUTOSAR, automated pipeline in Jenkins, and developed Python tooling to reduce debugging time. Skilled in C, Python, low-level drivers, and CI/CD.

WORK EXPERIENCE

- **Continental Engineering Services** JUL 2023 - PRESENT
Software Engineer
 - Developed and maintained software component tests to ensure functional reliability and adherence to system requirements
 - Built and maintained a Jenkins CI/CD pipeline automating CoDeg (Component Degradation) dataset delivery to OEMs, reducing manual effort and accelerating release cycles
 - Developed a custom Python script with a GUI to streamline bug identification, improving development efficiency
 - Ensured code quality and compliance with MISRA guidelines, aligning with ASPICE processes
 - Stack: C, Python, Jenkins, Git
- **Continental Engineering Services** FEB 2023 - JUL 2023
Master Internship
 - Designed and implemented a CDD in AUTOSAR to measure an ECU's CPU load in real time, enhancing performance monitoring and system diagnostics
 - Stack: C, Python, AUTOSAR Classic (CDD), Git