

TIAGO LOBAO

SOFTWARE ENGINEER | EMBEDDED | AUTOMOTIVE

OBJECTIVE

To obtain a challenging Software Engineer position where my creativity and problem-solving skills can be utilized to achieve quality on business products.

EXPERIENCE

SENIOR SOFTWARE ENGINEER

September 2023 – Present
POSITRON STONERIDGE

Embedded software development for tachographs using FreeRTOS for NXP microcontroller. Peripherals UART, CAN-FD, PWM, GPIO, ADC. UDS Diagnostics, J1939. FOTA component, python scripts and Unit tests (CUNIT). APISCE SWE.2, SWE.3 and SWE.4. Usage of tools: JIRA, Git and DOORS NG. Working as tech lead, focusing on reviews, planning and estimation of activities.

SENIOR SOFTWARE ENGINEER

July 2023 – September 2023
JSD SOLUTIONS

Software requirements SWE.1 reviews for bootloader and memory management components.

SOFTWARE ENGINEER

February 2020 - July 2023
VISTEON ELECTRONICS

Development of automotive software, application and bootloader for Vehicle Integration Processor (VIP). Experience with AUTOSAR, C and C++, Python scripts, unit testing, Davinci and TresOs configuration, CAN, DoCAN and Matlab models with dSpace. Development for SoC systems with Linux and Qnx embedded. Renesas and NXP chips and Lauterbach debugger. ASPICE based development. GIT/EWM version control, CMAKE and Make.

FULL-STACK DEVELOPER FREELANCER

October 2019 - January 2020
GEODATIN

Website development with Laravel (PHP) and Postgres SQL, Javascript, CSS and HTML.

CONTACT

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Campinas, SP

ABOUT ME

Brazilian from Salvador da Bahia, that is passionate about music, software, and learning.

EDUCATION

FEDERAL UNIVERSITY OF BAHIA

Bachelor
Electrical Engineering

ANHANGUERA

Postgraduate
Software Engineering

KEYWORDS

ASPICE | AUTOSAR |
CAN FREERTOS | C |
PYTHON