



IVO MARQUES

ELECTROTECHNICAL ENGINEER

Electrotechnical Engineer with 9+ years of experience in product programming in C++ and Java. Specialized in process development and implementation, and problem solving. Dynamic and motivated team player that is looking for new and exciting opportunities in the technology world. Eager to be a part of a company that promotes digitalization in society in a sustainable way.

INTERESTS



Tech



Movies & Series



Padel



Dogs

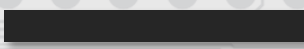
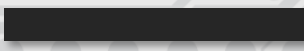


Traveling



Food

LANGUAGES



CONTACTS



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WORK & EXPERIENCE

JAN. 2014 – PRESENT

Volkswagen Autoeuropa | **Product & Process Programming Specialist**

- Requirements and planning, design, development, testing, deploy, review and release of testing sequences for cars electronic control units, using Agile methods (**Scrum, Kanban**)
- Programming using frameworks based on **C++** and **Java** with final release onto Linux machines
- Control of versions with **Subversion (SVN)**
- RPA Bot** development and maintenance (Automation 360 platform)
- Dashboard for live stream of KPIs and automatic report system development and maintenance (**Qlikview, NPrinting and SQL**)
- Application development and maintenance using **VBA** with MS Office
- Volkswagen T-Roc **launch team** (2017)
- Car diagnostics protocols (CAN) and tools (**ODIS, iDEX**)
- Team organization and management**

MAY 2012 – SEP. 2012

CGI Portugal (Logica Iberia) | **Junior Programmer**

- Web application** development and maintenance using JavaScript based framework (Sencha Ext JS)
- Internal training **web project** to manage small businesses using several technologies (HTML, CSS, JavaScript, PHP, XML and SQL)
- Presentation creation with web based multimedia tool (**Prezi**)

OCT 2010 – SEP. 2011

Polytechnical Institute of Setubal | **Monitor**

- Support to electrotechnical engineering classes
- Electrotechnical laboratories preparation
- Repair and maintenance** of electronic equipment
- Database creation and maintenance to support parts and supplies stock
- Customer service

*"Learn from yesterday, Live for today, Hope for tomorrow.
The important thing is not to stop Questioning"*

- Albert Einstein

PROGRAMMING

C++

Java

VBA

SQL

HTML

CSS

JavaScript

PHP

SOFT SKILLS



I&E QUOTIENTS

131 120

Self Awareness 8

Relationship Management 10

Self Management 9

Social Awareness 9

OTHER SKILLS

- Microsoft Windows
- Microsoft Office
- Linux
- Electronic Circuit Dimensioning
- Electronic Devices Repair
- Printed Circuit Board Design and Fabrication

EDUCATION AND TRAINING

ONGOING

Udemy Academy | **DevOps Beginners to Advanced with Projects**

- o Solid understanding of **DevOps Processes, Tools and Technologies**
- o CI/CD pipeline, virtual machines, Linux, AWS, Scripting, Jenkins, Ansible, Docker, Kubernetes, Cloudformation, Terraform

AUG. 2023

Udemy Academy | **Git and Github Developer Essentials**

- o Software development **version control** via **Terminal** and with **Visual Studio** integration.
- o Github project development best practices and **collaborative workflow**.

MAR. 2016

Volkswagen Autoeuropa & ATEC | **Qlikview Developer and Designer**

- o **Development** and **design** of interactive analytics and dashboards.
- o Integration of several data sources (classic database, cloud services, enterprise applications, MS Office and files).
- o Design directed to improve **interactiveness** and **efficiency** during data visualisation and handling.

OCT. 2012 – NOV. 2013

Volkswagen Autoeuropa & ATEC | **Business Integration Course**

- o Several classes to allow seamless integration in the company frameworks, mainly focused on the development of softskills.

MAY 2012

CGI Portugal (Logica Iberia) | **Web and Java Developer Course**

- o Object Oriented Programming and Java language.
- o **Web application technologies** (HTML, CSS, JavaScript, PHP and XML).
- o Database design and management (SQL, PL/SQL and MySQL).

OCT 2007 – MAR. 2012

Polytechnical Institute of Setubal | **Electrotechnical Engineering License**

License Thesis, "**Mobile Network Location System with Angular Swiping Support**"

- o Development of fixed **directional emitter** and several **receiver mobile** nodes
- o **Design and fabrication of printed circuit boards** and mechanical components assembly
- o **Firmware** for emitter and receiver nodes developed in **C** language.
- o **User interface** for computer developed in **Java** language.

Main classes:

- o Programming Introduction (C)
- o Object Oriented Programming (Java)
- o Database (Oracle, SQL, PL/SQL, HTML, CSS)
- o Simulation Tools and Techniques (MATLAB)
- o Telecommunications and Computer Networks
- o Embedded Systems and System Control
- o Digital Systems and Microcontrollers
- o Electronics and Electrotechnical Techniques