



Marcelo Silva

Software Engineer & Master Degree in
Computer Science and Engineering

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ABOUT ME

I have had different experiences throughout my life. I did an internship for Accenture for 1 month where I was part of a software development team, I was responsible for performing JUnit test. I also did an internship for everis for 2 months where I was integrated into the information security team, and my job was to create security challenges, also known as CTF, for the information security month. Since September 2020 I have been working @ Euroclear as a SAST analyst, and recently got promoted to Security Engineer.

SKILLS & PROFICIENCIES

Programming Languages

- Java, .NET (C#), Python, C++, C, JS, SQL.

Other Skills

- Distributed Systems, Software security, cyber security and forensic analysis, Operating systems, .Net, databases, cryptography, network security, Web security, SAST analysis and Penetration Testing.

Languages:

- Portuguese (native)
- English (Advanced)
- French (Beginner)
- German (Beginner)

CERTIFICATION

Defending Web Applications Security Essentials

SANS Institute

2020 to 2021

I did a training with SANS about Web Application Security. I learned about the OWASP top 10, the most common attacks, among many other interesting subjects.

GIAC Certified Web Application Defender (GWEB)

GIAC Certifications

2020 to 2025

I also did a certification on Web Application Defender and was able to pass the test.

WORK HISTORY

Software Engineer

Irian Solutions

April 2022 to Present

I am responsible for designing, implementing and testing REST APIs for the EAM team of Credit Suisse. I work mainly with Java, SQL, git, Jira, and Bitbucket. I also help with the communication with consumers and the migration/onboarding of those consumers to new APIs.

Security Engineer

Euroclear SA

September 2020 to March 2022

I am responsible for SAST scanning, in particular static code analysis focusing on security vulnerabilities mainly the OWASP Top 10. I have been analyzing several programming languages, like C#, Java, C, JS, VB among several others.

Student Researcher

INESC-ID

September 2019 to January 2021

I worked at INESC-ID developing a secure storage system for the blockchain. I worked with Ethereum blockchain, P2P networks, distributed systems, and java mainly.

PUBLISHED ARTICLES

P2CSTORE: P2P and Cloud File Storage for Blockchain Applications

Sep 2020

EDUCATIONAL BACKGROUND

Instituto Superior Técnico - Universidade de Lisboa

Master Degree in Computer Science and Engineering

2020

Instituto Superior Técnico - Universidade de Lisboa

Bachelor's Degree in Computer Science and Engineering

2018