João Pedro Baptista

Software Developer

Barcelos, Portugal
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Links

Portfolio
GitHub
LinkedIn

Skills

Roslyn .NET Compiler (C#)

ASP.NET Core (C#)

Express.Js (JavaScript)

C

Python

Java

Languages

Portuguese

English

Employment History

Software Developer, Checkmarx, Braga, Portugal

06/2024 - 05/2025

- I began my Summer Internship in the Static Application Security Testing (**SAST**) department on June 26th and transitioned into a Professional Internship on August 14th.
- During the **Summer Internship**, I developed a **Roslyn**-based tool to automatically enforce best coding practices in **C#**. This tool implemented approximately 20 rules, including the removal of unused variables and the enforcement of explicit type declarations.
- In my **Professional Internship**, I continued working in the SAST department, focusing on **grammars** and **parsers** to construct syntax trees for analyzing code flows. My work involved identifying security vulnerabilities such as **SQL Injection, Reflected** and **Stored XSS**, **Buffer Overflows**, among others.

Throughout the internships, I also used various tools, such as:

- **Jenkins Pipelines**: to automate builds, tests, and deployments in CI/CD workflows.
- **Azure**: for cloud infrastructure, resource management, and hosting applications.
- **Jira**: to manage tasks, track progress, and collaborate in an Agile environment.
- **ArgoCD**: to implement GitOps for Kubernetes, automating application deployment.

Food Delivery Courier, ComerAqui, Barcelos

11/2020 - 09/2021

During my 12th year of school, I ventured into food delivery. This experience enriched my skills in time management, customer interaction, and working under stress.

Education

Bachelor's in Software Engineering, University of Minho, Braga

09/2021 - 06/2024

Courses

English B2 Certificate, British Institute of Braga