João Pedro Baptista *Software Developer*

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💼 EMPLOYMENT HISTORY

Checkmarx, *Software Developer* ✎   06/2024 – 05/2025 | Braga, Portugal

Summer Internship (June – August 2024)**:**

- Developed a **Roslyn**-based static analysis tool in **C#** to enforce coding best practices, implementing approximately 20 rules (e.g., removal of unused variables, enforcement of explicit type declarations).

Professional Internship (August 2024 – May 2025)**:**

- Engineered **grammars** and **parsers** in **C#** to construct Abstract Syntax Trees (**ASTs**) for code flow analysis, identifying vulnerabilities such as **SQL Injection** (CWE-89), **Reflected** and **Stored Cross-Site Scripting** (XSS) (CWE-79), **Buffer Overflows** (CWE-120), and **Code Injection** (CWE-94);
- Developed APIs using **Go** and **JavaScript** within a **microservices** architecture, enhancing security analysis capabilities;
- I also utilized tools such as **Jira** for agile project management, **Azure** for cloud infrastructure and resource management, **Confluence** for documentation, **Jenkins** for automating CI/CD pipelines, and **ArgoCD** for implementing GitOps workflows in Kubernetes environments.

ComerAqui, *Food Delivery Courier* ✎   11/2020 – 09/2021 | Barcelos

- During my 12th grade 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*   09/2021 – 06/2024 | Braga, Portugal

- During my studies, I actively engaged in several significant projects that honed my software development skills. Key proficiencies include:
  Web Development: ASP.NET Core, Express.js, Vue.js
  Programming Languages: C#, C++, Java, Python, C, Haskell
  Database Management: SQL

- My portfolio lists all academic projects I contributed to, including links to their respective GitHub repositories.

🧠 SKILLS

C#   Go   JavaScript   Jira   Azure   Confluence   Jenkins   ArgoCD

🌐 LANGUAGES

Portuguese — Fluent   **English** — B2 Certificate (British Institute of Braga)