

Diogo Oliveira

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Agile-minded Full-Stack Developer building modern and legacy systems.

Skills

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|----------------------------|--------------------------------------|
| Frontend: | Vue.js, React, JavaScript, HTML, CSS |
| Backend: | C# (.NET), ASP/ASPX, Java, Python |
| Database: | Microsoft SQL Server, MongoDB |
| DevOps / Tools: | Docker, Kubernetes, Git, Bash |
| Other Technologies: | Unity |

Experience

Junior Software Developer, Sistrade Software Consulting S.A. - Porto, Portugal Oct 2024 – Present

- Designed, developed and maintained robust features for the company's Enterprise Resource Planning (ERP) software using Vue.js frontend and .NET/C# backend technologies. Responsible for modernizing legacy ASP/ASPX screens to contemporary frameworks while enhancing user interfaces and implementing responsive design principles. Developed and optimized database components including stored procedures, complex queries, triggers and scheduled jobs in MS SQL Server to improve system performance.
- Developed and implemented a custom API solution for industrial client to collect, process, and manage real-time data from factory machinery and IoT sensors, enabling production monitoring and performance analytics.
- Contributed to the European Defence Operational Collaborative Cloud (EDOCC) project by developing a specialized event logging API that validates data received from partner systems, implementing a health-check mechanism.
- Acted as a co-advisor to an intern, providing technical guidance and support for their development tasks.

Intern - Software Developer, Sistrade Software Consulting S.A.– Porto, Portugal Jul 2024 – Nov 2024

- Developed and implemented a Vue.js based form to manage employee positions, designed database schemas and managed position data in MS SQL Server, and built back-end connections and business logic using .NET/C# to ensure seamless functionality and integration.

Projects

European Defence Operational Collaborative Cloud (EDOCC)

- Contributed to the European Defence Operational Collaborative Cloud (EDOCC), a large-scale project aimed at improving collaboration between European defence entities. Developed a specialized event logging API for validating data received from partner systems, enhancing data reliability and real-time system monitoring.
(Python, Kubernetes and Docker)

Restful API to Manage Factory Machinery and Sensors

- Developed a custom RESTful API for an industrial client to collect, process, and manage real-time data from factory machinery and IoT sensors. This API enabled production monitoring, real-time analytics, and data-driven decision-making for enhanced performance in a manufacturing environment.
(.NET/C# and Microsoft SQL Server)

Education

Instituto Superior de Engenharia de Porto – MSc in Software Engineering Oct 2024 - Present

Universidade Portucalense Infante D. Henrique– BSc in Computer Science Sep 2024

Languages

- Portuguese, English, Spanish and Euskara (C2)
- French and Italian (B1)