SOILA BENGUELA

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https://soilaguela.github.io/Portfolio/

SUMMARY

Seeking an opportunity to gain experience in IT and innovation. My goal is to grow in an environment that fosters continuous learning, facing challenges and contributing to the company's growth. I am interested in using technology to promote sustainability and a more balanced world.

PROJECTS

API-VACINA (Vaccination Management Webservice)

- Developed an API with JWT authentication and NoSQL (MongoDB) database.
- API documentation using Swagger.
- Hosted on Heroku.

Funcionários-IPG (Employee Schedule Management)

- Developed a web application using ASP.NET CORE MVC for schedule management.
- Focus on data security and performance optimization.

APPT - Clean Water For All (Water Quality Control System)

- Implemented an IoT solution with Node.js and ESP8266 sensors for real-time monitoring.
- Added automatic SMS notifications and intelligent chlorine dosage control.

Professional Experience/Collaborative Projects

DEMOLA Project — 04/2022 - 06/2022

- Led the development of a river pollution monitoring system using UML for modeling and Miro for visual collaboration.
- Managed an interdisciplinary team and delivered an innovative proposal to a real client.

SKILLS

• **Programming Languages:** C#, JavaScript, Node.js • **Frameworks:** ASP.NET Core, Express, Ionic • **Databases:** MongoDB, SQL Server • **Tools/Others:** Swagger, JWT, Docker • **Methodologies**: UML, Agile/Scrum

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EDUCATION

Master's in Mobile Computing
Polytechnic Institute of Guarda

- Bachelor's in Computer Engineering.

ADDITIONAL INFORMATION

- **Languages:** Portuguese, French, English
- **Certifications:** Microsoft Office Specialist, Introduction to Cybersecurity, Outsystems Certification