Hugo Anes

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Experience

Software Development Intern – Continental FoF Project, as part of master's dissertation in Computer Science   Sept 2022 – June 2023

- Assisted in the design and implementation of the sub-project architecture, ensuring modularity and scalability for future Industry 4.0 applications
- Conducted studies on wearables and Industry 4.0
- Developed a cross-platform (mobile, wearable, desktop) application enabling shop-floor workers to request materials and supervisors to monitor, manage, and fulfill these requests
- Collaborated with a multidisciplinary team of engineers and researchers, participating in agile development sprints and project planning

Education

Master's Degree in Computer Science, University of Trás-os-Montes e Alto Douro   Sept 2021 – April 2024

- Published paper: Anes, H., Pinto, T., Lima, C., Nogueira, P., Reis, A. (2023). ("Wearable Devices in Industry 4.0: A Systematic Literature Review")

Bachelor Degree in Computer Science, University of Trás-os-Montes e Alto Douro   Sept 2018 – June 2021

Projects

Blog App – Full-Stack Blog Platform
- Developed a full-stack blog platform with user authentication using JWT access and refresh tokens.
- Technologies: Next.js, Tailwind CSS, Spring Boot, PostgreSQL, JWT

Cryptocurrency price tracker bot
- Developed a Discord bot to track cryptocurrency prices
- Technologies: Python, PostgreSQL

Master's dissertation project
- Developed a cross-platform app for smartwatches and smartphones, to optimize material request processes and improve production efficiency in industrial environments
- Technologies: Flutter, WearOS

Technologies

Languages: C#, Python, Javascript, Java

Databases: MSSQL, PostgreSQL

Frameworks: React, Flutter, .NET, Spring boot

Tools: Unity, Git

Soft skills: Interested in learning new skills, Problem-solving, Self-learning, Resilience, Adaptability

Languages

English   -   Portuguese   -   Spanish