Wellyson Gabriel da Costa Vieira

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EDUCATION

Universidade do Minho   Braga, Portugal
Bachelor's Degree in Computer Science   *June 2024*

Relevant CS Classes: Data Structures and Algorithms, Databases, Object Oriented Programming, Language Processing and Compilers, Operating Systems, Functional Programming, Imperative Programming, Networking

TECHNICAL SKILLS

Programming languages: C, Java, Python, Haskell
Front End: JavaScript, Angular
Back End: Java Spring, Lombok, MapStruct, Liquibase
Databases: PostgreSQL
Development: Git

PROJECTS

Shareable Lists   January 2025 – Present
- Full-stack web application that allows users to store and share personal lists
- Used a CI/CD Jenkins Pipeline to build, test and deploy the application
- Used Harbor as the container registry
- Used Coolify to run the application on a VPS
- Technologies: HTML, Tailwind CSS, Angular, Java Spring, PostgreSQL

Pingscore   August 2024 – Present
- Full-stack web application to store table tennis matches and players
- Used a CI/CD Jenkins Pipeline to build, test and deploy the application
- Used Harbor as the container registry
- Deployed the app to a Kubernetes cluster using Helm
- Technologies: HTML, Tailwind CSS, Angular, Java Spring, PostgreSQL

Flat Figures Game   February 2024 – May 2024
- 2D interactive game where players earn points by quickly clicking on target shapes as they appear
- Part of development team
- Proposed during senior year for the Hypatiamat platform
- Technologies: HTML, CSS, JavaScript, Phaser

Lyra Programming Language   November 2023 – January 2024
- Implemented a programming language that compiles to Assembly code as part of a project in the Language Processing and Compilers class
- Used PLY (Python Lex-Yacc) to implement the lexer and parser
- Proposed during senior year
- Technologies: Python, PLY

LANGUAGES

Portuguese: Native
English: Fluent