ALEXANDRE FERREIRA

FULLSTACK DEVELOPER

WHO AM I?

Full-Stack Developer transitioning into tech with a strong foundation in Java-based enterprise architectures. Highly disciplined and adaptable, currently balancing a rigorous coding curriculum with professional commitments. Passionate about clean code and architectural patterns, with experience in international collaboration (Erasmus+) and managing large-scale operations. Committed to continuous learning and delivering user-centric digital solutions.

CONTACT

- 📞 +351 932 696 724
- ✉ email@alexandreferreira.dev
- 📍 Penafiel, Porto
- 🌐 www.alexandreferreira.dev
- ⌨ /KuRo-AlexandreFerreira

SKILLS

- **Languages:** Java (SE/EE), JavaScript (ES6+), SQL, HTML5, CSS3.
- **Backend & Frameworks:** Spring MVC, Spring Boot, REST APIs, Maven.
- **Frontend & UI:** Single Page Applications (SPA), DOM Manipulation, Responsive Design, Tailwind/ Bootstrap.
- **Databases:** PostgreSQL, MySQL.
- **Tools & Methodology:** Git/GitHub, Object-Oriented Programming (OOP), MVC Architecture, Postman (for API testing).

LANGUAGES

- Portuguese (First Language)
- English (Fluent)
- Spanish (Basic)

WORK EXPERIENCE

Taekwondo Instructor   2019 - 2025
Academia Tigre Branco

- **Stakeholder Management:** Provided quality customer service and acted as the primary point of contact for parents and students.
- **Operations & Planning:** Orchestrated daily lesson plans and long-term goals to ensure consistent student progress.
- **Leadership & Group Management:** Managed 6 distinct classes totaling approximately 90 students (ages 3–18), tailoring communication styles to meet the needs of different age groups.
- **Mentorship:** Created a disciplined and supportive environment, guiding students through technical skill acquisition and personal development.

Production Operator (temporary)   2025 - PRESENT
Efacec

- **Time Management:** Maintained a rigorous full-time work schedule while simultaneously completing an intensive Full-Stack Development program.
- **Operational Reliability:** Consistently meeting production targets and quality standards in a fast-paced, high-pressure environment.
- **Adaptability & Work Ethic:** Voluntarily transitioned into a demanding logistical role to facilitate a career pivot, proving the ability to maintain performance while pursuing professional growth.

EDUCATION

Certified Taekwondo Instructor   2019
Federação Portugal Taekwondo| IPDJ

Erasmus+ Digital Safety Certificate   2022
European Commission | Fire Pécsvárad (Hungary)

Full-Stack Web Development   2025 - 2026
CodeForAll | Academia de Código

PROJECTS

Bender, E-Commerce SPA

- **Core Functionality:** Developed a high-performance Single Page Application (SPA) e-commerce platform with a focus on seamless user navigation and secure data handling.
- **Technical Stack:** Java, Maven , Spring MVC, PostgreSQL, REST API, HTML5, CSS3, JS

JavaBank, Full-Stack Banking System

- **Core Functionality:** Engineered a secure banking simulation allowing users to manage accounts, execute transfers, and view transaction history.
- **Technical Stack:** Java, Maven , Spring MVC, PostgreSQL, REST API, HTML5, CSS3, JS

Glitch&Doom, Metroidvania Style Game

- **Core Functionality:** Built a fully functional 2D game with some degree of physics simulation from scratch, adhering to an intentional simple graphics library limitation to master core programming principles.
- **Technical Stack:** Java, Maven, SimpleGraphicsLibrary