Rodrigo Miranda

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ID: 243634072 **Work permit:** Portuguese **Gender:** Male **Date of birth:** 25/01/2003 **Place of birth:** Funchal, Portugal **Nationality:** Portuguese

ABOUT ME

🧑‍💻 **Passionate Software Developer | Fintech & E-commerce Integrations**
Since I was young, I always knew I wanted to be a software developer. I pursued my passion by completing a **Computer Programming course** and have since worked on various projects, continuously expanding my expertise.
I have experience working as a freelancer on **Upwork**, contributing to multiple projects across different industries. Additionally, I worked at a **fintech company specializing in payment gateway integrations**, where I developed **plugins for various e-commerce platforms**, ensuring seamless transactions and automation.
Now, I'm looking for **new opportunities to grow, learn, and leverage technology to drive business success**. Excited to connect and explore what's next! 🚀
Let me know if you'd like any tweaks! 😊

WORK EXPERIENCE

[01/12/2022 – 01/03/2025] **Full Stack Developer**

Eupago

City: Funchal | **Country:** Portugal

Developed and integrated **payment gateways** and **custom plugins** for international clients on **e-commerce platforms** such as **WooCommerce, Magento, Shopify, and PrestaShop**.

Designed and implemented **secure and scalable microservices** using **PHP (Symfony, Laravel), Node.js, and TypeScript**.

Worked with **RESTful and GraphQL APIs**, integrating multiple payment providers, including **Multibanco, MB WAY, Credit Card, Direct Debit (Débito Direto), Apple Pay, Google Pay, PayPal, and Adyen**.

Developed and tested plugins in a **sandbox environment**, ensuring seamless integration and compliance with payment regulations (PCI DSS).

Utilized **Docker and Kubernetes** to containerize applications and streamline deployment processes.

Managed **MySQL and NoSQL databases** (MongoDB, Redis) for high-performance transaction processing.

Implemented **OAuth2 and JWT authentication** to enhance security in payment transactions.

Automated workflows and issue tracking using **JIRA, Confluence, and GitLab CI/CD**.

Collaborated with cross-functional teams in an **Agile/SCRUM** environment, ensuring continuous improvement and delivery.

[05/07/2021 – 05/09/2022] **Full Stack Developer**

Upwork

City: Funchal | **Country:** Portugal

Developed and maintained web and mobile applications using **React.js, React Native, Node.js, TypeScript, Next.js, and PostgreSQL**.

Designed and implemented **RESTful and GraphQL APIs** using **Node.js (Express, NestJS), Java (Spring Boot), and PHP (Laravel, CodeIgniter)**, integrating third-party services such as **Stripe (payments), Firebase (authentication & storage), and Twilio (SMS notifications)**.

Built **real-time applications** using **WebSockets, Firebase Firestore, and Redis**, improving responsiveness and user engagement.

Implemented **serverless functions** (AWS Lambda, Vercel, and Firebase Cloud Functions) to optimize backend performance and scalability.

Developed automated CI/CD pipelines with **GitHub Actions, Jenkins, and Docker**, ensuring smooth deployments and updates.

Improved application security by implementing **OAuth, JWT authentication, and role-based access control (RBAC)**.

Worked with **NoSQL databases** such as **MongoDB and Firebase**, in addition to relational databases like **PostgreSQL and MySQL**.

Managed project workflows using **JIRA, Trello, and Notion**, ensuring transparent and organized collaboration.

Followed **Agile methodologies (SCRUM/Kanban)** to deliver high-quality software within deadlines.

[04/01/2021 – 04/05/2021]   **Curricular Internship**

Regional Directorate of Informatics

City: Madeira, Funchal | **Country:** Portugal

Developed a **stock management application** to track and manage IT equipment, including computers, peripherals, and other assets.

Designed and implemented the system using **React.js, Node.js, and PostgreSQL**, ensuring a modern and scalable architecture.

Integrated **authentication and role-based access control (RBAC)** to manage user permissions securely.

Developed RESTful APIs for seamless data communication between the frontend and backend.

Optimized database queries and data structures to improve system performance and reliability.

Worked closely with IT staff to gather requirements, test functionalities, and refine features based on user feedback.

Gained hands-on experience with **version control (Git/GitHub), Docker for containerization, and cloud deployment**.

EDUCATION AND TRAIN-ING

[14/09/2018 – 18/08/2021]   **Technical Course in Computer Programming (Level 4)**

Escola Profissional Cristóvão Colombo   epcc.pt

Address: Avenida do Infante n°6, 9000-015, Madeira, Funchal, Portugal | **Field(s) of study:** Web Development ; Database Management ; Software Engineering ; System Integration ; Project Management | **Final grade:** 18 out of 20 points | **Level in EQF:** EQF level 4 | **Thesis:** Graduated from Escola Profissional Cristóvão Colombo

Main Subjects / Occupational Skills Covered:

- **Programming Languages**: Proficient in various programming languages such as **Java, Python, and C++**,**PHP** focusing on logic and algorithm development.
- **Web Development**: Gained practical experience in creating both **front-end** (HTML, CSS, JavaScript) and **back-end** (databases, server-side scripting) web applications.
- **Database Management**: Understanding of **SQL**, relational databases, and efficient data handling.
- **Software Development Life Cycle (SDLC)**: Learned about various stages of software development, including design, testing, deployment, and maintenance.

- **System Integration**: Practical experience in integrating different software systems and ensuring smooth data exchange.
- **Problem-Solving & Algorithm Design**: Developing efficient and scalable solutions for complex problems.
- **Project Management Tools**: Familiarity with version control (Git), project management methodologies, and collaborative work environments.

DIGITAL SKILLS

My Digital Skills

C++ | Python | HTML | JavaScript | PHP | Visual Studio Code | Android Studio | CSS | C | JAVA | Linux | Git | Json | Bootstrap | Node.js / Express | MySQL, SQL, SQLite, PostgreSQL | Deployment with Netlify, Vercel | CI/CD (Gitlab CI, testing) | Next.js, React.js, Nest.js, Express.js, Django, Django Rest Framework | With 3+ years of experience in PHP (Laravel, Yii2) | PHP(Symphony) | Vue.js (2 &3) | Devops: Docker, Jenkins | Microservices Infrastructure | POO 5+ anos | MVC Patterns

COMMUNICATION AND INTERPERSONAL SKILLS

Skills planning

 Effective Communication – Ability to clearly explain technical concepts to both technical and non-technical stakeholders.

 Collaboration & Teamwork – Experience working in cross-functional teams, fostering a positive and productive work environment.

 Client Interaction – Skilled at understanding client requirements, gathering feedback, and translating business needs into technical solutions.

 Adaptability & Conflict Resolution – Ability to adapt to different work environments and resolve conflicts in a constructive manner.

 Active Listening & Empathy – Strong interpersonal skills that help in understanding team dynamics and improving collaboration.

ORGANISATIONAL SKILLS

Skills Planning

 Project Management – Ability to plan and develop web and mobile applications from scratch, organizing development phases and ensuring on-time delivery.

 Teamwork & Agile Methodologies – Experience working with SCRUM/Kanban methodologies, collaborating with cross-functional teams to maintain an efficient workflow.

 Problem-Solving & Analytical Thinking – Strong ability to identify and fix bugs, optimize code, and enhance user experience.

 Time Management & Prioritization – Skilled at handling multiple projects simultaneously while ensuring quality and efficiency.

 Code Organization & Documentation – Writing clear and reusable documentation to facilitate collaboration among developers.

LANGUAGE SKILLS

Mother tongue(s): Português

Other language(s):

Inglês

LISTENING C2 **READING** C2 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user