RICARDO ROUCO

Senior Developer — Corporate Identity — Cybersecurity — A.I.

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PROFESSIONAL PROFILE

Full-stack developer and digital entrepreneur with over 10 years of experience in web development, project management, and corporate identity creation. Specialist in integrated digital solutions and cybersecurity, combining strong technical skills in multiple programming languages with a strategic vision for branding and design. Proficient in agile methodologies and technical team management. Committed to the open-source community, maintaining over 30 public repositories to share knowledge and innovative solutions.

PROFESSIONAL EXPERIENCE

DIGITALWISH *Portugal*

Founder & Senior Developer *2017 - Present*

Founder and lead developer of a digital consulting and development company, managing end-to-end projects for clients across various sectors:

- **Technical Leadership:** Implementation of agile methodologies and SOLID principles in multidisciplinary teams.

- **Digital Consulting:** Strategic guidance for digital transformation and security of traditional businesses.

- **Full-Stack Development:** Creation of complex web applications and high-performance e-commerce platforms.

Featured Projects:

- **Maldes:** Development of a complete corporate identity and responsive landing page with CRM integration.

- **Ourivesaria Façanha:** Complete e-commerce with integrated payment system and inventory management.

- **Pontomoco:** Corporate identity, strategic branding, and interactive digital platform.

- **RJ Paris:** Complete rebranding, development of two websites, and digital presence strategy.

Technologies: Vue.js, React, Node.js, Python, JavaScript, Git, HTML/CSS, MySQL, MongoDB

CTO NETIC *SPAIN*

CTO-BOARD MEMBER *2023 - 2024*

Specialized services in development and technical consulting:

- Management and guidance of work teams.

- Implementation of agile methodologies and SOLID principles in multidisciplinary teams.

- Cybersecurity consulting for various business clients in Spain (Pentests).

Skills: Corporate Branding · IT Consulting · Graphic Design · Branding-Identity · Cybersecurity

Developer FB Sá   *BRAZIL*

DEVELOPER / CONSULTANT   *2015 - 2020*

Specialized services in development and technical consulting:

- Implementation and development of proprietary software.

- Cybersecurity consulting (Pentests) and development of secure systems.

Skills: Corporate Branding · IT Consulting · Graphic Design · Branding-Identity · Cybersecurity

TUTOR/EXPLAINER   *Portugal*

TUTOR/EXPLAINER   *2010 - Present*

Tutoring/Explanations in C/C++ (Imperative), Java and Python (OOP), Haskell (Functional), Vuejs/React, Calculus, Linux, Mathematics:

OPEN SOURCE PROJECTS & CONTRIBUTIONS

- **Automation Scripts:** Collection of scripts for task automation in Linux and ARM (SMBS Odroid and PI) environments.

- **Web Components Library:** Library of reusable components for front-end development.

- **Python Utility Tools:** Set of tools for data processing and process automation.

- **Education:** Various educational repositories for numerous programming languages.

ACADEMIC EDUCATION

UNIVERSITY OF MINHO   *Braga, Portugal*

Integrated Master's in Computer Engineering (Incomplete)   *2002 - 2010*

CERTIFICATIONS & CONTINUOUS EDUCATION

- **Web Development Certification** - JavaScript / Vuejs / React

- **Cisco Certifications in Cybersecurity** - Cybersecurity

- **AI Certification** - Various certifications from Google and Microsoft on AI.

- **Specialized Courses:** Vue.js, React, Linux Administration, Cloud Computing, Docker, Kubernetes, UI/UX Design.

TECHNICAL SKILLS

Development	DevOps & Infrastructure	Design & Branding
JavaScript/Vue.js/React	Git/GitHub	Graphic Design
Python	Linux (Debian/Ubuntu/ARCH)	Visual Identity
PHP	Docker	Strategic Branding
Java	GitHub Actions	UI/UX Design
C/C++	Gcloud	Affinity Design/ Affinity Photo
Node.js	Nginx/Apache	Adobe Creative Suite
HTML5/CSS3/SASS	Monitoring and Logging	Wireframing/Prototyping
SQL	Security and Compliance	Responsive Design

PUBLICATIONS & EDUCATIONAL CONTENT

AUTHOR OF:

- **Algorithms and Data Structures (Free)** - 2024

- **Cybersecurity 101** - 2024

- **Cybersecurity: Learn How to Protect Your Company** - 2023

- **A.I.! Learn What Prompts Are and How to Use Them** - 2023

- **Introduction to Functional Programming** - 2022

- **Fundamentals of Programming in Python** - 2022

- **A Small Introduction to Cryptocurrencies** - 2021

WEBINARS & WORKSHOPS TAUGHT:

- **Cybersecurity** - Workshop Monção Municipal Library 2025

- **Artificial Intelligence** - Workshop Monção Municipal Library 2025

FEATURED TECHNICAL PROJECTS

- **Remote Monitoring System:** Microservices-based infrastructure for ARM SBCs, enabling real-time data monitoring and analysis for industrial clients.

- **Integrated Management System:** Enterprise solution for integrating sales, inventory, and financial processes for SMEs.

- **Industrial Automation:** Implementation of control and monitoring systems for industrial processes on ARM platforms.

LANGUAGES

Portuguese: Native   **Spanish:** C2   **English:** C1   **Galician:** B2

SOFT SKILLS

Leadership • Complex Problem Solving • Effective Communication • Adaptability • Time Management • Analytical Thinking • Self-Learning • Teamwork • Entrepreneurial Mindset • Creativity

INTERESTS

PROFESSIONAL

Open-Source Development • AI and Machine Learning • Cybersecurity • Blockchain • User Experience Design • Edge Computing

PERSONAL

Swimming • Creative Writing • Technical and Fictional Reading • Strategy Games • New Technologies