Rui Pedro Carneiro de Faria
UX designer at Critical Software
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Maia, Porto

SUMMARY

Multidisciplinary designer with a strong engineering background of 5+ years. Skilled in user-centered design, design thinking, wireframing, and prototyping. Proven ability to create intuitive interfaces and maintain comprehensive design documentation in agile, cross-functional environments. Passionate about transforming complex technical challenges into user-friendly digital products.

EXPERIENCE

User experience designer for Critical Software; 2024 – Present
Porto, Porto

Developed concept designs and wireframes for new features and UI components using user-centered design principles and design thinking methodologies.

Created and maintained detailed design documentation to ensure visual consistency and facilitate cross-functional collaboration.

Participated in iterative design critiques and user testing with internal team and client, leveraging feedback to refine prototypes and improve usability.

Software Engineer for Critical Software; 2023 – 2024
Porto, Porto

Contributed to Research and Development project aimed to create a prototype tool that streamlined the system requirements phase of the Software Development Life Cycle (SDLC), resulting in a potential 30% workflow improvement.

Enrolled in Critical-Safe projects for the aviation industry executing tasks in the verification and validation phase following DO-178 standards.

Collaborated within an agile environment using Scrum and Waterfall methodologies.

Engineering technician for Siemens SA; 2019 – 2023
Perafita, Porto

Leveraged experience in programming, assembling, electrifying, and commissioning of automation stations to develop efficient and reliable building automation and HVAC systems solutions using Siemens Xworks software.

Designed and implemented personalized user interfaces for Siemens' building management system using Desigo CC, incorporating user research to identify client needs and prioritize functionalities through effective information hierarchy for a strong user-centric design foundation.

Maintained direct communication and managed over 50 clients across multiple industries, providing technical support, coaching and customer satisfaction.

Collaborated within an agile environment using Waterfall methodologies.

EDUCATION

Bachelor's degree in Electrotechnical and computer engineering
ISEP – Instituto Superior de Engenharia do Porto

Knowledge in electrical circuit theory, math, physics, digital systems, programming, Electronics, Data communication, Electrical machines, electromagnetic systems, automation, software, and hardware development.

The Complete 2023 Web Development Bootcamp; 2023
Udemy

Covered a range of web development topics and technologies, including HTML5, CSS3, Bootstrap, JavaScript, ES6, DOM manipulation, jQuery, Unix, GIT/Github, Node.js, Express.js, API development, database fundamentals, SQL and NoSQL databases, deployment, building RESTful APIs, authentication, and security. Additionally, we put our skills to the test by building 16 web development projects that incorporated these technologies.

JS Bootcamp 2023 — Deep dive into React; 2023
DSR Corporation — Doing Software Right

Introduction to React, covering topics such as Virtual DOM, Fiber, Building and Bundling. An overview of Redux and Hooks, including Middleware, Forms, and React Routing. Tips and tricks for working with React 18, as well as browser and animation techniques using JS and CSS. The course includes three home assignments.

TECH STACK & SKILLS

Coding: C/C++, JavaScript, Python, HTML, CSS, React.js, Node.js, GIT.

Design: Figma, Blender, DaVinci Resolve, Photoshop.

CERTIFICATES

Portfolio: https://shlopen.github.io/RFCVPortfolio/
LinkedIn: https://www.linkedin.com/in/rui-faria-068886214/
GitHub: https://github.com/Shlopen/RFCVPortfolio

LANGUAGES

Portuguese (Native), English (Fluent), and German (Certified B1.1).

INTERESTS

Programming, product design, Image and video editing, 3D modelling, Web and Game development.