

Rui Pedro Carneiro de Faria

UX designer at Critical Software

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Maia, Porto

SUMMARY

Multidisciplinary UX/UI Designer & Engineer with 5+ years' experience in healthcare, aviation, industrial, retail and hospitality industries.

Skilled in user-centered design, design thinking, wireframing, prototyping, usability testing and accessibility to create intuitive, user-friendly interfaces.

Adept in JavaScript, HTML/CSS, React.js, Node.js, C/C++, and Python; capable of bridging design and development to deliver functional solutions.

Proven ability to work in agile, cross-functional teams and communicate with clients and stakeholders, transforming complex challenges into digital solutions.

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.

Conducted iterative design critiques, usability testing and user feedback sessions with internal teams and clients, refining prototypes and improving overall 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 30% workflow efficiency improvement.

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

Collaborated with cross-functional teams in both Scrum and Waterfall workflows, integrating engineering with user experience goals.

Engineering technician for Siemens SA; 2019 - 2023

Perafita, Porto

Programmed, implemented, assembled and commissioned automation stations to ensure efficient and reliable building automation in large-scale facilities and HVAC systems solutions using Siemens Xworks software.

Designed and implemented personalized user interfaces for Siemens' building management system using Desigo CC, conducted user research to identify client needs and prioritized features via clear information hierarchy for strong user-centric design.

Managed direct communication with 50+ clients across multiple industries, providing technical support, coaching and customer satisfaction.

Worked collaboratively with engineering and project teams under structured (Waterfall/Scrum) methodologies to deliver on time and within requirements.

EDUCATION & CERTIFICATIONS

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.

Collaboration: Jira, FigJam, Miro, Office365, Confluence.

LINKS

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 & Interface Design; Web & Game Development; 3D Modelling & Visualization; Image/Video Editing.