

João Paulo Castro

Front-End Developer — Vue.js | Nuxt.js | UX/UI | Python

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Keywords: Vue.js, Nuxt.js, TypeScript, JavaScript, Python, Figma, Design Systems, Scrum, Jest, Vitest, Tailwind CSS, WCAG Accessibility, REST APIs, Pinia, Storybook, Cypress, Pandas, Scikit-Learn, Docker, MongoDB, PostgreSQL, CI/CD

PROFESSIONAL SUMMARY

Front-End Developer with 5+ years of experience specializing in Vue.js, web performance, and accessibility. Co-created and maintain Sysvale's Design System, adopted by 7+ squads across 15+ commercial projects in health tech. Served 16 months as Scrum Master leading agile ceremonies and mentoring developers. End-to-end experience from Figma prototyping to deployment, including automated testing and WPO optimizations impacting 2M+ citizens in Brazil's public health system. Use AI tools (Claude Code, OpenCode, GitHub Copilot) as productivity accelerators.

TECHNICAL SKILLS

Expert: Vue.js 2 and 3, Nuxt.js, JavaScript (ES6+), HTML5, CSS3, Figma, Git, State Management (Pinia)

Advanced: TypeScript, Sass/SCSS, Tailwind CSS, Jest, Vitest, Design Systems, Accessibility (WCAG), Responsive Design, Bootstrap, Storybook

Intermediate: Python, Pandas, Scikit-Learn, Cypress, Docker, MongoDB, PostgreSQL, RESTful APIs, CI/CD, Ionic, AngularJS, Framer, Hotjar, Fullstory, Dovetail

AI Tools: Claude Code, OpenCode, GitHub Copilot, ChatGPT, Pi

Methodologies: Scrum (Certified Scrum Master), Agile, Kanban, Design Thinking

PROFESSIONAL EXPERIENCE

Front-End Developer | UX/UI Designer Sysvale Health Tech | May 2021 - Present | Juazeiro, Brazil

- Co-created and maintain the Guida Design System (Vue.js, Storybook), standardizing UI/UX for 7+ squads and 15+ commercial projects, including government and healthcare applications
- Develop and evolve the Cidade Saudavel platform with 10+ modules (Health Regulation, Endemic Disease Control, Family Health), impacting 2M+ citizens and 6K+ health professionals
- Migrated legacy modules from Vue 2 to Vue 3, improving maintainability and performance
- Implemented WPO techniques including lazy loading, code splitting, asset optimization, and caching strategies with measurable performance gains
- Built test coverage with unit tests (Jest, Vitest) and usability tests (Cypress), reducing regressions
- Served 16 months as Scrum Master, facilitating ceremonies and mentoring new developers in Vue.js and front-end best practices
- Designed and prototyped interfaces and user flows in Figma with focus on usability, accessibility, and user research (Hotjar, Fullstory, Dovetail)

Technologies: Vue.js 2/3, Nuxt.js, Pinia, Jest, Vitest, Cypress, Storybook, Figma, Docker, Git

Web Development Intern Sysvale Health Tech | May 2019 - May 2021 | Juazeiro, Brazil

- Developed front-end and back-end features (HTML, CSS, JavaScript, PHP) under team mentorship
- Created UI prototypes in Figma and conducted usability testing sessions

- Assisted with bug fixes and legacy system maintenance

PROJECTS

Cuida Design System | github.com/Sysvale/cuida | cuida.framer.wiki Open-source Design System used across 15+ commercial projects. Participated from ideation, developing reusable Vue.js components, Storybook documentation, and automated tests. Technologies: Vue.js, Jest, Vitest, Storybook, Figma

Cidade Saudavel | cidadesaudavel.com.br Public health management platform with 10+ modules. Responsible for landing page design, legacy maintenance (Vue 2), and migration of modules to Vue 3. Impacts 2M+ citizens. Technologies: Vue.js 2/3, Pinia, Jest, Figma, Docker

Dataplay Bets | github.com/johnn1sbo3s/jonebet | dataplaybets.vercel.app Full-stack personal project combining Vue.js/Nuxt front-end with Python machine learning for sports data predictive analysis. Includes interactive dashboards (Chart.js), custom REST API, and scikit-learn models. Technologies: Vue.js, Nuxt.js, Tailwind CSS, Pinia, Chart.js, Python, Pandas, Scikit-Learn

Jone. Website | github.com/johnn1sbo3s/jp_landing_page | jonedev.vercel.app Personal portfolio built with Nuxt 3 and Tailwind CSS. Responsive design, component-based architecture, deployed on Vercel. Technologies: Nuxt 3, Vue.js, Tailwind CSS

EDUCATION

Postgraduate Degree in Data Science — Universidade da Amazonia (2024)

Bachelor's Degree in Computer Engineering — UNIVASF (2021)

CERTIFICATIONS

Certified Scrum Master — Scrum Alliance

LANGUAGES

Portuguese (Native) English (Advanced — C1)