

Laize Ferraz

Front-end Developer

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Sunshine Coast, QLD.

Australian Citizen.

As an enthusiastic and self-motivated **Front-end** Developer, I have a diverse background in software engineering gained from prominent roles at Grok Academy, Palo IT, and Academy Xi. I am proficient in developing scalable front-end solutions using **React** and **TypeScript** and experienced in collaborating with **cross-functional** teams to deliver seamless user experiences using **agile** methodologies, project management tools, and **unit testing**. My commitment to excellence in problem-solving, **effective communication**, and fostering strong team dynamics contribute to successfully delivering innovative web applications.

Main Skills: JavaScript | React | TypeScript | HTML | CSS | Storybook | Jest | Next.js | Tailwind CSS | Styled Components | Git | Agile | Web Components | Communication | Adaptability | Teamwork

Education & Credentials

- **Languages:** Portuguese (native), English (fluent).
- **Certificate IV in Web-based Technologies** - TAFE - Sydney, (June – Dec. 2019)
- **Bachelor's degree in Law** - Tiradentes University - Brazil, (Aug. 2003 – Aug. 2008)

Professional Experience

Grok Academy

Grok Academy is your home for Digital Technologies education offering classroom-ready online and unplugged resources. <https://groklearning.com/>

Software Engineer (Oct 2023 – Aug 2024), Sydney, NSW.

Main Responsibilities:

- Successfully created a library of custom web components, enhancing content creation on the Grok platform using Web Components and Storybook for documentation and playground.
- Engineered comprehensive unit tests with Open Web Components Testing, achieving 100% test coverage and ensuring robust, reliable code across all components.
- Implemented accessibility testing and showcased the results to the entire Engineering and Education teams.
- Demonstrated strong problem-solving abilities by clarifying requirements and suggesting alternative solutions during team meetings, contributing to efficient project execution.
- Strengthened teamwork skills through direct interaction with cross-functional teams, and improved feedback skills through conducting pull request peer reviews.
- Developed scripts to auto generate web component documentation on Storybook using Lit Elements, Custom Elements Manifest, and JSDocs.
- Created scripts to extract custom element names, attributes, and CSS properties for identification by our custom Lint.

Palo IT

An international software development and consulting firm with a strong focus on digital and technology innovation.
<https://www.palo-it.com/en-au/>

Software Engineer (Sep 2021 – Apr 2023), Sydney, NSW.

Main Responsibilities:

- Contributed to the front-end and back-end development of three projects, using technologies and tools such as React, Node.js, Redux, TypeScript, Next.js, Tailwind CSS, Storybook, Atomic Design, Styled Components, .NET, and Jest for unit testing.
- Recognized for outstanding performance and promoted to mid-level software engineer after the first annual review, showcasing consistent dedication and technical proficiency.
- Worked in an agile environment following Scrum methodologies and tools like Jira, collaborating closely with cross-functional teams to deliver high-quality software solutions.
- Successfully collaborated with stakeholders and product owners, enhancing communication and collaboration skills in both large and small team settings.
- Presented new features and project progress during sprint reviews to senior stakeholders, effectively communicating technical concepts to non-technical audiences.
- Demonstrated strong problem-solving abilities by clarifying requirements and suggesting alternative solutions during Scrum ceremonies, contributing to efficient project execution.
- Strengthened teamwork skills through direct interaction with cross-functional teams, and improved feedback skills through conducting pull request peer reviews.

IT Projects:

- Developed a web application system that creates and manages cyber insurance policies - from quotation to policy renewal, as well as generates risk assessment reports for insured websites. This system helped our client organize all their policies in a single database, instead of relying on multiple Excel files. The technology stack included React, Node.js, .NET, Jest, Cypress, Styled Components, MongoDB, and MS Azure.
- Built an MVP web solution that creates a supportive environment for parents to engage as tutors, guiding their children through 10 modules and interactive activities that address their fears and worries. This application helped our client evaluate the possibility of offering digital treatment to attend to the high demand for psychologists. The technology stack used includes Next.js, TypeScript, Tailwind CSS, Jest, Storybook, GraphQL, AWS Amplify, and Sanity CMS, which makes it easier to manage the content of the modules.
- Created a white-label solution for a marketplace website that sells exclusive NFT collections. Unlike traditional NFT marketplaces, this platform uses fiat currencies for pricing and payment through Vendure and Stripe, rather than relying on cryptocurrency. This approach has enabled our client to sell NFT collections to consumers who either cannot or do not want to use cryptocurrency. The tech stack used includes React, Styled Components, Storybook, Atomic Design, Jest, GraphQL, C#, Node.js, GitHub Actions, and Solidity.

Academy Xi

Practical and skill-specific courses for people who want to up-skill and companies wanting to upgrade their capabilities in design, innovation, and digital transformation. <https://academyxi.com/>

Front-end Web Developer Instructor & Mentor (Sep 2020 – Jul 2021 & May 2022 – Aug 2022), Sydney, NSW.

Main Responsibilities:

- Delivered online small group sessions to a diverse group of learners and guiding them in their learning journey.
- Brought the learning experience to life, building community, and enhancing relevance through drawing on my own industry experience.
- Provided relevant and timely feedback to students on formative and summative assessments and client projects.

- Explained complex topics in a non-technical way.
- Coached and guiding students to be as employable as possible and supporting them in developing industry-standard portfolios.
- Provided differentiated and one-on-one support to motivate and support participants to persevere through challenges.

Achievements:

- Instructed and supported 60 people to get into the IT field, contributing to their technical learning - HTML, CSS, Bootstrap, JavaScript, Git, GitHub, Terminal, Unit Testing (Mocha), and React.
- Created complementary resources - activities, PPTs - to deliver more dynamic and informative sessions.
- Improved my leadership and logical thinking skills helping teams and individuals to overcome personal, teamwork, and code-related issues.

Not-for-Profit Organisations - *Epilepsy Action Australia & National Trust of Australia.*

Administrative Assistant *Volunteer & Casual* (Mar 2018 – Jun 2019), Sydney, NSW.

Main Responsibilities:

- iMIS data system.
- Front-desk, general administration, and stock management.
- Updating and creating spreadsheets (Excel).
- Data management to process courses certificate.
- Processing invoices and directing mail and incoming packages for delivery.
- Writing and issuing emails to teams and departments on behalf of teams or senior staff.
- Helped with fundraising events.
- Assisted with donor and membership databases.

Jan. 2013 – Sep. 2015 (*Studying English & French in Montreal, Canada*)

References upon Request