

Rua Castro Alves, 31
São Paulo, São Paulo, 01532-000
(11) 98706-5042
lutamaribuchi@gmail.com
<https://github.com/LucasMasayuki>
<https://www.linkedin.com/in/lucas-tamaribuchi/>

Lucas Masayuki Tamaribuchi

OBJECTIVE

Job opportunity in web/mobile analysis and development.

PERSONAL STATEMENT

Since embarking on my journey in web and mobile full-stack development in 2017, I've made a significant impact by facilitating seamless transactions for approximately 5 million users across over 10,000 stores and restaurants. My pivotal role in spearheading the integration with online payment systems underscores my commitment and expertise in this domain. I passionately champion a philosophy of consistent and incremental improvement. This ethos not only ensures that I elevate the teams I collaborate with but also guarantees a refined user experience for our valued customers. Every stride I make is rooted in the ambition to enhance both the product and the lives of those who interact with it.

TECHNICAL KNOWLEDGE

Linguagens: Dart, PHP, Javascript, Typescript, SQL, Solidity, Python, CSS, HTML, Solidity.

Ferramentas/Frameworks: ReactJS, NodeJS, Express, Flutter, CakePHP, JQuery, Webpack, MySQL, Next, Nuxt, Vue, Flutter, Bootstrap, Sass, Docker.

PROFESSIONAL EXPERIENCE

ConnectPlug, Curitiba – Senior Software Engineer

ConnectPlug, Curitiba – Senior Software Engineer

December 2023 – Present

Summary:

Situation: Developed and maintained a new subscription management system for products and services used by clients.

Task: Led full-stack development for the project, utilizing a stack of PHP, TypeScript, SQL, HTML, and CSS. Laravel and Vue were the primary frameworks, with AWS as the infrastructure backbone.

Action: Designed the project's architecture, including database structure, coding standards, and application architecture. Additionally, managed deliverables, milestone planning, and deployed the production environment.

Result: Delivered a structured and scalable subscription management system that effectively supported product and service subscriptions in a remote setting.

Delivery Direto, São Paulo – Tech Lead

SINCE AUGUST 2023

Summary:

Situation: As a Tech Lead, I was responsible for leading the development team in a full-stack development environment, with a focus on PHP, TypeScript, SQL, HTML, and CSS technologies. My role involved working on projects in Dart/Flutter and participating in the migration to the new front-end in Nuxt.js.

Task: I estimated the difficulty and time required for technical tasks at a more technical level. Additionally, I provided technical guidance to the team, identifying what needed to be implemented and proposing solutions to technical challenges.

Action: I reviewed, integrated, and monitored the code before it was deployed to the production environment daily. I also conducted the onboarding process for new team members, providing information about the squad and ongoing projects.

Result: I contributed to improvements and development practices that benefited the team, especially in the main project. I also promoted and reinforced new development cultures and practices within the squad and the overall team. This resulted in a more efficient work environment, successful technical solutions, and a highly collaborative development team.

Delivery Direto, São Paulo – full stack developer analyst

NOVEMBER 2017 – AUGUST 2023

Summary:

1. **Situation:** Worked in a product team that needed to communicate effectively with other company areas, and faced challenges in scaling the application.

Task: Develop new features, scale the application to support millions of users, and serve thousands of stores/restaurants.

Action: Worked intensively with the product team, maintained active communication between different departments, and developed required features.

Result: Successfully scaled the application to more than five million users and served 10000 stores/restaurants.
2. **Situation:** The company was using a variety of technologies for full-stack development.

Task: Be proficient in multiple technologies and tools for seamless development.

Action: Used a mix of php 7.4, javascript/typescript, SQL, CSS, Flutter, and HTML, gaining experience with frameworks and tools like cakePHP, JQuery, Webpack, Docker, Kubernetes, MySQL, and SASS.

Result: Became adept in full-stack development using a diverse tech stack.
3. **Situation:** The company was looking to launch new projects with a modern frontend.

Task: Contribute to new projects based on flutter, targeting multiple platforms.

Action: Participated in projects based on flutter and dart for web, android, and iOS frontends.

Result: Successfully contributed to projects expanding the company's tech landscape.
4. **Situation:** The mobile web version of the management system was under development.

Task: Develop the mobile web version.

Action: Used vue 3 with nuxt for the development.

Result: Successfully developed the mobile web version of the system.
5. **Situation:** New developers were joining the team.

Task: Assist newer developers in understanding the project and tech stack.

Action: Helped them, clarifying doubts about the stack, best practices, and business rules.

Result: Facilitated a smoother onboarding process for new team members.
6. **Situation:** The company was transitioning its online payment processor.

Task: Oversee the migration of the online payment processor from start to finish.

Action: Handled everything from designing the integration to supporting post-release, addressing potential issues.

Result: Successfully migrated the online payment processor ensuring smooth transitions and minimal disruptions.

7. **Situation:** The unit tests in phpunit 8 were lengthy due to excessive table loads in the test database and were too dependent on bank data.

Task: Optimize the unit tests to make them more efficient.

Action: Introduced mocks in the unit tests, reducing their reliance on the test database and bank data.

Result: Reduced test runtimes from minutes to microseconds in certain cases, ensuring quicker feedback cycles.

8. **Situation:** The monolith project's frontend was becoming outdated.

Task: Enhance the frontend, integrating modern best practices.

Action: Spearheaded efforts to incorporate TypeScript and encouraged frontend testing using Jest.

Result: Revitalized the frontend, making it more maintainable and robust.

9. **Situation:** The build process using webpack was resource-intensive and unfeasible for some machines.

Task: Optimize the webpack build process.

Action: Made significant improvements to webpack, addressing its excessive RAM usage (more than 11GB).

Result: Made the build process more sustainable, enabling even machines with lower resources to handle it.

10. **Situation:** Web pages were loading too much content at once, causing performance issues.

Task: Improve page loading times and user experience.

Action: Enabled lazy loading for JavaScript/TypeScript modules.

Result: Reduced initial content load when visiting a web page, improving user experience and page responsiveness.

Hubaudience, São Paulo – Freelancer front end web

SINCE AUGUST 2021

Summary:

Situation: Front-end application made entirely with pure JavaScript/jQuery, HTML, and CSS, without the use of modern frameworks, TypeScript, or build processes.

Task: Implement new features and pages, trying to improve the existing code to be more flexible and reusable, often mocking endpoints that do not yet exist in the backend to continue development.

Action:

Given that the project was already large and things were tightly coupled, rather than trying to modernize or even incorporate a build process with webpack, I decided initially to create components with pure JavaScript that could be reused and with as little coupling as possible. I tried as much as possible to avoid using jQuery, so that development does not stop, and at the same time, the code is refactored and improved gradually to make it easier to migrate to a more recent framework, or even start a build process in the project.

Result: So far, the project already has more decoupled components and functionalities than when it was written in a single file. With the organization of CSS and JavaScript, there is now the possibility, given the opportunity and availability, to gradually migrate the code to use TypeScript with a bundle like webpack and, in the future, possibly switch to more recent frameworks.

Petzillas, São Paulo – *Freelancer full stack web node/react developer*

AUGUST 2021 – Feb 2023

Summary:

Situation: A need was identified for an ERP system tailored for pet shops, with an already existent complementary Android/iOS application positioned as a pet products marketplace.

Task: Design, develop, and implement a fully integrated ERP system from scratch, ensuring it caters to the specific needs of pet shops while maintaining the highest standards of user experience and performance.

Action:

- I undertook full-stack development, with TypeScript as the primary language.
- For backend functionality, I leveraged Node (Express), and for the frontend, I opted for React. These technologies were chosen for their efficiency and robustness.
- I meticulously crafted every facet of the application's graphical interface using React's UI material, ensuring alignment with best UI and UX practices.
- I integrated Typeorm as the ORM, which interfaced with a SQL server database.
- Beyond the technical development, I was also deeply involved in the project management side. I took charge of planning, feature management, usability assessments, and delivery timelines based

on insights and client requests, ensuring constant delivery of results.

- The architecture of the project was crucial. To guarantee longevity, ease of maintenance, and scalability, I instituted best practices informed by principles such as clean architecture, Test-Driven Development (TDD), and SOLID.]

Result: Successfully delivered a tailor-made ERP solution for pet shops, with an integrated existent marketplace application for Android and iOS, meeting all client specifications and user needs. The structure and design of the project ensured it was both user-friendly and maintainable for the long term.

EDUCATION

Universidade de São Paulo, São Paulo – *Higher education*

MARCH 2017 – December 2021

Course: Information systems.

Campus: USP East.