

ENRIQUE RENÉ BEAUXIS REYES

Software Engineer

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Communication:

English (Advanced), Spanish (Foreign descent), Portuguese (Native), German (Basic), Russian (first steps)

WHO I AM

I'm Enrique René, a Software Engineer based in Rio de Janeiro, Brazil. My 10+ years journey as a freelancer and 3+ years in an outsourcing offshore software company has shaped me into a collaborative problem solver who's always ready to take on new challenges and grow. I'm fluent in English, Spanish, and Portuguese, and excel at translating client needs into technical solutions.

PROFESSIONAL JOURNEY

As a FullStack Engineer, my core expertise lies in RESTful Systems and hybrid mobile applications. I have a strong foundation in the LAMP stack, which has been the cornerstone of my development work. As my career progressed, a passion for TypeScript was born and I consider MERN as my secondary stack with some focus on NestJS as backend framework.

KEY SKILLS

- PHP Programming: My primary expertise is in PHP development, with a strong foundation in frameworks like Laravel, Slimframework and Symfony. This forms the backbone of my backend development work, enabling me to build robust, scalable web applications.
- ReactJS: Profound experience in developing dynamic and responsive user interfaces, leveraging the complete lifecycle of it. Skilled in both class and functional components, hooks, and context API.
- React Native: Specializing in React Native for mobile app development, I focus on crafting high-performance, native-like mobile applications. This expertise is central to my capabilities in delivering comprehensive mobile solutions.
- WordPress Development: A significant part of my skill set is dedicated to WordPress, where I am adept at custom plugin and theme development, WP CLI, WP REST API, and integrating e-commerce solutions with the WooCommerce plugin. Rapid development and successful outcomes.
- MERN Stack Awareness: While my core expertise lies in the LAMP stack, I have a solid understanding of the MERN stack, particularly with NestJS for server-side development and hybrid mobile application with Angular and Ionic. My experience here includes building scalable applications and small prototypes, highlighting my versatility and openness to diverse tech stacks.
- MySQL Database: Experienced in database design and management using MySQL, ensuring data integrity and performance in web applications.

- AWS and Docker: Proficient in AWS services (S3, EC2, CloudFront, ECS, RDS) and containerization with Docker, including setting up CI/CD pipelines.
- TDD, BDD and Agile Practices: Committed to quality and efficiency through Test-Driven and Behavior-Driven Development, and well-versed in Agile methodologies, including Scrum.
- Analysis and Monitoring: Skilled in using analysis and monitoring tools like Google Analytics, Sentry, and Loggly to optimize application performance and enhance user engagement.

CAREER ASPIRATION

My career trajectory is focused on gaining certifications and professional recognition in key areas of my expertise. I am currently planning to achieve the AWS Solutions Architect certification, reflecting my proficiency and commitment to cloud technologies. Additionally, enhancing my project management and team leadership skills is a priority, for which I am pursuing Scrum Master and Professional Agile Leadership certifications from Scrum.org. To further cement my technical abilities, I aim to obtain certifications in ReactJS and UI/UX from reputable institutions. These certifications will not only validate my skills but also open new avenues for professional growth in the ever-evolving tech landscape.

MORE SKILLS

- Redux framework.
- TailwindCSS, Bootstrap, SCSS. Mobile first paradigm.
- Figma UI/UX. GIMP and Diagrams (draw.io).
- Cypress for e2e tests.
- Shopify and Magento experience.
- HTML5 accessibility.
- Yii, Lumen and PHPUnit for PHP.
- jQuery, Cordova, VueJS, Jest, Testing Library, StoryBook for JavaScript/TypeScript.
- Flask, Djang, Django REST Framework and PyTest for Python.
- Crow, Oatpp, Catch2 for C++.
- CLI automation with Shell Script, C++, Python and NodeJS.

INTERESTS

As a Full Stack Engineer, I am drawn to roles that allow me to leverage robust Backend built in PHP or TypeScript integrating with mobile development applications, particularly in the React Native. I am also interested in exploring AI-related areas like LLM, Machine Learning and Optical Character Recognition, backed by my strong mathematical background and Python skills. Teaching and mentoring in software development is another passion, having already guided many into successful tech careers.

CAREER PATH

An overview of most relevant work I've done descending ordered by date.

CNF – Derrico Consultoria (04/2024 – current)

ROLE: Full Stack Engineer

OVERVIEW: CNF stands for *Cadastro Nacional de Falecidos (National Registry of Deceased)* and aims to gather notary offices data related to deceased people for easy online bureaucratic services and data analysis. The current job is a migration project from legacy PHP system website into a modern system built in Laravel. The new project comes with best UX interface following recent practices, new database modeling to handle huge amount of data (about 15GB), a REST API as a service for other companies usage. All the design system is based on Bootstrap. The deployment pipeline starts on development environment and pass through stage environment for client approval and move forward to production finally. All the process is tracked in JIRA and Bitbucket platforms.

TECHNOLOGIES: Laravel, Bootstrap, Apache, MySQL, Postman, PHPUnit, PHP 8.3, Blade.

PetCoach - Owlsh (06/2021 – current)

ROLE: Full Stack Engineer

OVERVIEW: Maintenance of a REST API built in Symfony framework, event driven system for a famous Pet Care service in USA where Pet owners can ask questions in the open forum and private chat consultation. Both ones are paid services integrated with PayPal and Stripe third party service. Infrastructure is based on AWS. The application lies on EC2 instances, S3 Buckets, RDS and Cloud Front. The new features and bugfixes must pass through four environments which lie on Docker containerization: from development, integration, Q&A and finally to production environment. The chosen platform is GitLab that runs its own CI/CD tools for each merge request. The agile methodology is followed up in JIRA but at the beginning was in Trello boards. Maintenance checking Sentry, FastCron, PreRender, Google Analytics and other tools. Strongly based in SEO and Accessibility work there.

Currently the project is at planning roadmap phase to migrate legacy technologies to more modern stack. Client side is going from BackboneJS, Cordova and LESS to NextJS with TypeScript and TailwindCss as PWA. The server side is going from Symfony 3 to NestJS following the Proxy design pattern during migration process while NestJS project will replace Symfony endpoint by endpoint.

TECHNOLOGIES: AWS, Docker, NGINX, MySQL, Postman, Symfony, PHPUnit, PHP, Twig, Cypress, BackboneJS, Cordova, ReactJS, NextJS and NestJS.

Milbby - Owlsh (01/2021 – 06/2021)

ROLE: Frontend Developer

OVERVIEW: Work on UI/UX redesign of Shopify theme for a spanish ecommerce with more than 2000 products and more than 200 categories that delivers for most of the countries in Europe. The team had started with three developers and grewed up to 10 ones. The tasks mainly focused on CSS restyle, improve JS bundles, remove unused code and keep cross browser compatibility. Monthly LightHouse reports for track results from road map.

TECHNOLOGIES: Shopify, SCSS (Sass), CSS, JavaScript, HTML5, Liquid.

Clínica Vegetal - Freelancer (10/2021 – 01/2022)

ROLE: Software Engineer

OVERVIEW: Develop a REST API to be consumed from a PWA capable of sending text and images. The infrastructure lies on AWS EC2 instance and RDS. People can take photos of sick plants and the administrators of the project can respond to them with agronomic reports about what is the issue and possible ways to solve them. The database aims to serve publicly a second application (outside this project scope) with educational proposals.

TECHNOLOGIES: Figma, SCSS (Sass), CSS, ReactJS, JavaScript, HTML5, Django, Django REST Framework, Python.

Hora do Muffin - Freelancer (05/2020 – 03/2021)

ROLE: Software Engineer

OVERVIEW: Design UI/UX, develop and maintain an One Page Ecommerce PWA capable of sending shopping carts to whatsapp chat messages. People are capable of choosing their muffins and checking the cart by clicking on a floating button which toggles cart visibility, where after concluding the order, it is sent via whatsapp as a message. There is a robot to respond to messages depending on its content built in Selenium Web Driver with Python API, working on the Web Whatsapp page. The prototype UI/UX was built in Figma via A/B test with a small group of (10 to 12) people. The Frontend interface was built in ReactJS and SCSS (Sass), CSS3 transitions for better UX.

TECHNOLOGIES: Figma, SCSS (Sass), CSS, ReactJS, JavaScript, HTML5, Django, Django REST Framework, Python.

Seu Barbeiro - Freelancer (07/2019 – 08/2021)

ROLE: Software Engineer

OVERVIEW: Seu Barbeiro was born in COVID19 pandemia bringing to the city a delivery barber service to allow people get the service without getting out of their home. There was a first moment of the project focused on publishing the new service in the city. After the commercial acceptance from local people, the project has expanded with automated processes for schedule messaging to whatsapp chat, what is the current stage of the project. The next step is to become a platform which delivers barbers to customer's homes. Technically this project is very simple. At the first stage (version) is a pure HTML and CSS landing page presenting the idea, providing a phone number to manually call and schedule. At the second (current) stage (version) is a redesigned landing page presenting a well established service in the city with many customers and a ReactJS form which automatically sends its content to whatsapp.

TECHNOLOGIES: Figma, Google Analytics, SCSS (Sass), CSS, ReactJS, JavaScript, HTML5

FutShares - Freelancer (07/2019 – 08/2021)

ROLE: Frontend Developer

OVERVIEW: Develop a frontend interface of a prototype provided from a Web Designer. FutShares prototype has a private scope and this prototype project was built to present the project idea to possible investors who become financial partners of the project that has the soccer players, clubs and games as objects of interest.

TECHNOLOGIES: Figma, Google Analytics, SCSS (Sass), CSS, ReactJS, JavaScript, HTML5.

AJ Fire - Freelancer (03/2021 – 04/2021)

ROLE: WordPress Developer Mentor

OVERVIEW: AJ Fire is a well established company in on-off shore fire prevention service. Develop a multilingual WordPress website to present its services and certifications. Mentor a beginner developer in his first steps into a web development career. Development process and tasks had followed up in trello boards.

TECHNOLOGIES: WordPress, Google Analytics, CSS, HTML5.

Orça Agora - Freelancer (04/2019 – 01/2021)

ROLE: Software Engineer & Tech Lead

OVERVIEW: Received UML diagrams to split them into small tasks and lead a team with other two beginner developers, one for backend and one for frontend. The project aimed to join customers and providers for graphical services into a unique platform for budgets, price comparison and a primitive chat as the provider accepted the customer service request. Mainly I was responsible to guide juniors into their tasks, perform integrations and present results to the manager and partners of the startup. All processes had followed up in trello boards.

TECHNOLOGIES: UML, MySQL, Slimframework, PHP, SCSS (Sass), CSS, ReactJS, JavaScript, HTML5.

Auto Fácil - Freelancer (07/2019 – 10/2019)

ROLE: Software Engineer

OVERVIEW: Develop a mobile application with call functionality and Google Maps integration. There were some pictures providing a portfolio for the car wash services and the working team. Build a WordPress website to present the services, team and to engage the mobile application usage which allows the customer drives from current location until Auto Facil car wash through Google Maps. It was possible to call the Auto Facil shop from the app with one click (to native caller redirection).

TECHNOLOGIES: WordPress, WP-API, Google Analytics, React Native, JavaScript.

Miscellaneous and Enterprising - Freelancer (01/2011 – 01/2022)

ROLE: Web Developer

OVERVIEW: Develop softwares for web on demand as freelancer. Some try building web products, building my own companies like web agencies, by myself and with partners. Freelancer was my first job.

TECHNOLOGIES: MySQL, Slimframework, Yii, PHP, Flask, Python, WordPress, Woocommerce, WP-API, Bootstrap, SCSS (Sass), CSS, ReactJS, React Native, Angular, AngularJS, Ionic, Apache Cordova, jQuery, TypeScript, JavaScript, HTML5.