

Mauricio Rodriguez Carballo

Software Engineer | Full Stack Developer

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Hello, I'm Mauricio, a Front End developer with a degree in software engineering. I have over six years of experience developing software in order to solve specific business necessities as well as providing maintenance and upgrading already existing systems.

My passion for developing started mostly creating single-page web applications with React for clients like Intel, Nestlé, Novonordisk, TBC, etc. Since I developed the pleasure for testing and overcoming my comfort zones, growing into a full stack profile, working with cms, developing and maintaining plugins for wordpress and wagtail, and having a little taste of many more languages such as python, php, java, etc.

I have a strong background in mathematics that leads me to see the hardest challenges as puzzles to be solved. If you have a task that seems impossible don't hesitate to ask me, you might receive the weirdest yet most interesting solutions that you would never expect.

EXPERIENCE

JavaScript Front-End Developer

Oct 2019 - Feb 2022

Octopy, Mexico City

- Developed high quality user interface using React based on designs provided using tools such as AdobeXD as well as complex components with different functions varying from image edition, real time mapping, etc.
- Managed multiple repositories in services such as Github, Gitlab, BitBucket from their structure to their permissions and pipelines as well as providing insightful code review.
- Worked in CI/CD process deploying finished and in development projects into QA and production servers using Node.js and Pm2.

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Apr 2022 - Mar 2024

EPAM SYSTEMS, Mexico City

- Customer Domain: Life Science & Healthcare Apr 2022 - Jan 2023
 - Increased control of the pharmacy supply chain by implementing solutions for inventory management.
 - Assured the sturdiness of code creating test suites using Jest, Enzyme and React testing library.
 - **TechStack:** React (typescript) + Redux Toolkit + Saga+ Styled Components.
- Customer Domain: Automotive Shops Feb 2023 - Feb 2024
 - Improved response time and availability migrating the legacy website to the current version using a better fitting architectural pattern and tech stack.
 - Added security and independency creating private cloud functions to provide access to storage options and functionality to the project.

- **TechStack:** React (typescript) + Material UI+ Styled Components + keycloak + Google cloud + Node + Express.

Software Engineer | Full Stack Developer
STX Next, Mexico City

May 2024 - Current date

- Customer Domain: Marketing, Advertising, Media
 - Assured site sturdiness against huge traffic spike periods using load balancers as well as optimizing codebase removing deprecated code and creating new optimized scripts.
 - Centralization and normalization of distributed databases in order to avoid duplicity and streamline subscriptions flow.
 - **TechStack:** PHP + Wordpress + Javascript+ Python.
- Customer Domain: Web browser, privacy market, open source code
 - Developed and optimized the source code for the official blog of a premier open-source foundation dedicated to digital privacy and global web standards.
 - **TechStack:** Javascript + python.

EDUCATION

Bachelor's Degree - Software Engineering
Autonomous University of Yucatán, Yucatán

SUGGESTED TECH STACK

JavaScript, Typescript, React, Git, Bitbucket, Redux, Jest, Html, CSS, Npm, JQuery, Nodejs, SEO, AWS, GCP., Express, NestJs, Angular, SQL, Sass/Less/Scss, graphQL, MongoDB, Webpack, PHP, Wordpress, Python, Java.

CURRENT PERSONAL PROJECTS

I´m currently pragmatically working towards creating a custom locally powered AI agent using Ollama and open source LLMS, since this is my just for fun personal project there is not a real structure or ETA, yet most of my free time tends to go here, so feel free to ask about it if you are interested ;)