Maribel Gutierrez

Address: Perth, Australia   **Phone number:** +61435326510   **Email address:** maribell426@hotmail.com
Web: https://maribel-gutierrez.vercel.app   **Linkedin:** https://www.linkedin.com/in/maribel-gutierrez

Professional overview

As a Full Stack Developer with over 6 years of experience, I have successfully led the development of high-impact, large-scale applications using JavaScript, Python, and C++. My expertise lies in crafting scalable and maintainable code, significantly boosting application performance. Notably, I spearheaded the development of a payment feature for EZ APPS, enabling seamless credit card and PayPal transactions, and implemented a real-time data transmission system for a water treatment plant at Dinntec, increasing operational efficiency by 40%. My hands-on involvement in pioneering projects with minimal initial data has refined my ability to tackle complex challenges and deliver innovative solutions across diverse industry contexts.

Work Experience

Software engineer
SoftwareOne
📅 09/2021 – 03/2024   📍 MEDELLÍN, COLOMBIA

- I led frontend development initiatives inside the project in order to enhance the performance and scalability of a large application by 50%.
- I collaborated closely with UX/UI designers to translate design mockups into pixel-perfect frontend implementations.
- Mentored junior developers in front end technologies, improving team skills and project delivery speed by 40%.
- I endorsed the TDD culture among the developers in the company, not only to assure the quality of the product but also to boost the scalability of the code.
- I reviewed the developers' code and consistently provide feedback to help them improve their skills in writing clean, efficient code.

Software and hardware engineer
Dinntec
📅 06/2017 – 04/2021   📍 MEDELLÍN, COLOMBIA

- Developed and implemented a real-time front-end interface for controlling a water treatment plant, enabling dynamic data transmission to the database and resulting in a 40% increase in operational efficiency.
- I designed and deployed a library capable of receiving real-time data from various lab devices, displaying sensor states, and issuing alerts to users in case of malfunctions using Python.
- I co-developed a medical prototype to support autonomous breathing for COVID-19 patients, integrating both hardware and a real-time Android app. Utilized Flutter for an intuitive app interface and C++ for device control, ensuring reliable performance. Secured medical team approval and compliance with Colombian electrical specifications for medical devices.

Full stack developer
EZ APPS
📅 08/2016 – 04/2017   📍 MEXICO CITY, MEXICO

- I developed a payment feature enabling the application to receive payments via credit cards and PayPal using JavaScript and PHP.
- I implemented different strategies to execute better test cases as a QA in order to ensure the quality of the software.

Achievements

- Co-developed an innovative smartwatch to monitor key health metrics for pregnant women, contributing to a patented technology due to its unique approach and functionality.
- Increased project delivery speed by 40% at SoftwareOne by mentoring junior developers and implementing TDD practices.

Programming languages

JavaScript # NodeJs # C++ # Python # Typescript # HTML5 # CSS3 # TypeScript

Frameworks

Angular # Nest # Svelte # NextJS # React # Arduino # Micro Python

Database

MySQL # MongoDB # PostgreSQL

Collaboration tools

GIT # GitHub # Jira

Education

Engineering | Electronic Engineer
University of Salazar y Herrera
🗓 01/2011 – 08/2018 ⚲ MEDELLIIN, COLOMBIA

Typescript - Advanced
Platzi
🗓 05/2023 – 06/2023 ⚲ MEDELLIN, COLOMBIA