

Maribel Gutierrez

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Professional overview

As a Full Stack Developer with over 6 years of experience, I have developed large-scale applications using programming languages such as JavaScript, Python, and C++. I am a strong advocate for best practices in writing readable and scalable code to enhance application performance. I have also been actively involved in implementing the architecture of front-end applications, ensuring a robust and efficient user experience. Furthermore, I have participated in the development of innovative implementations where there was limited information available, equipping me with the tools to approach and solve a wide variety of problems in the industry.



Work Experience

09/2021 – 03/2024 MEDELLÍN, COLOMBIA

Software engineer SoftwareOne

- Led frontend development initiatives inside the project in order to enhance the performance and scalability of a large application by 50%.
- Collaborated closely with UX/UI designers to translate design mockups into pixel-perfect frontend implementations.
- 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.
- Reviewed the developers' code and consistently provide feedback to help them improve their skills in writing clean, efficient code.

06/2017 – 04/2021 MEDELLÍN, COLOMBIA

Software and hardware engineer Dinntec

- Spearheaded the development of sophisticated software solutions for the IoT industry, utilizing technologies including Python, Arduino, JavaScript, Angular, and C++.
- Successfully implemented a real-time interface to control a water treatment plant, leading to a 40% reduction in the need for manual intervention.
- 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.
- Designed and developed a medical prototype device aimed at aiding individuals with COVID-19 to achieve autonomous breathing. Successfully obtained approval from a professional medical team and ensured compliance with Colombian regulations regarding



Work Experience

electrical specifications for medical devices.

08/2016 – 04/2017 MEXICO CITY, MEXICO

Full stack developer EZ APPS

- Developed a payment feature enabling the application to receive payments via credit cards and PayPal using JavaScript and PHP.
- Acted as a Quality Assurance specialist, creating comprehensive test cases to ensure the applications met client requirements and maintained high standards of functionality and usability.



Programming languages

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



Frameworks

Angular # React # Nest # Svelte # NextJS



Database

MySQL # MongoDB # PostgreSQL



Collaboration tools

GIT # GitHub # Jira



Education

01/2011 – 08/2018 MEDELLÍN, COLOMBIA

Telecommunication | Electronic Engineer University of Salazar y Herrera

MEDELLÍN, COLOMBIA

Typescript - Advanced Platzi