CONTACT INFORMATION

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Culiacan, Sin.

PROFILE

Mechatronics Engineer, graduated from Universidad Tecmilenio, with a special interest in software development, maintenance, development, and optimization of websites and applications.

ABOUT ME

I enjoy learning about different profiles within my field of work. I see proactivity and teamwork as essential in any company, and these are skills in which I excel.

LANGUAGES

- Español: Lengua Madre
- English: B2

PROGRAMIN LENGUAGES

- JavaScript
- TypeScript
- PHP
- C++, C
- Phyton

DATA BASE

- MySQL
- Postgres
- SQL Server

EXPERIENCE WITH

- Angular
- Springboot
- React
- GitHub
- Visual Code
- Scrum
- Kanban

SKILLS

Effective Comunication
Problem Solving
Quiality Management
Project Management
Proactivity
Team Work

Mechatronics Engineer Emiliano Quintero Beltrán
Resume

EDUCATIONAL BACKGROUND

- **Mechatronics Engineer:** Universidad Tecmilenio (Guadalajara, Jal)
- **High School:** Tecmilenio (Culiacán, Sin)

PROFESSIONAL EXPERIENCE

Freelance: Developer for Local Businesses.   *(2024 – 2025)*

- **Web Development:** Designed and implemented a web system and database for general inventory management, integrating connectivity through a RESTful API.
- **Tester:** Conducted testing to enhance and optimize systems provided by software companies, improving communication, performance, and understanding between businesses.

Junior Programmer: Coppel   *(2022 – 2024)*

- **Employee Offboarding System:** Development of an automated system for recording employee offboarding, including the generation of detailed reports on termination reasons. The user interface was built using Angular, providing an interactive and intuitive experience. The backend, developed in Spring Boot, handles data retrieval from an SQL database and the creation of RESTful APIs, enabling efficient and scalable communication between the client and server.
- **Sales Item Report:** Development of a C++ system for generating dynamic reports that display price changes of items in an inventory. The system allows filtering reports by item type, department, price range, or time period, making it easier to analyze price trends in detail.
- **Employe Pasword Managment and Creation:** Development of a secure password generation system, with a user interface implemented in Angular and a backend in PHP. The system allows creating passwords with specific characteristics, such as length, inclusion of special characters, and uppercase letters. Once generated, the password is sent to the user's professional email. Additionally, the platform enables the user to change the password directly from the same interface, ensuring easy and secure management of credentials.

Client-Side Tester: Transportes ALGEZA

- **Quality Management in Client-Side Project:** Testing on a web   *(2021 - 2022)* monitor automotive systems, ensuring proper functionality and performance. The testing approach included validation of features, integrations, and system usability, using Selenium as a recognized tool for web test automation. This ensured the platform's reliability and efficiency across various use cases.
- **Additional Work:** Logistical control and monitoring of transportation units, which was necessary to confirm the proper functioning of the software involved in the units.

Development Intern: HP Hewlett-Packard

- **Development of a desktop applicationqewr:** Development of ar   *(2021)* system compatible with multiple shipping platforms. The project includes programming an interactive user interface with React and a backend developed in PHP, optimized to ensure the system's efficiency and scalability..

School Project: Programming with Embedded Systems.

- **Quality Control:** Design and development of an embedded system in C language that simulates the functionalities of an automotive dashboard, capable of monitoring and displaying real-time information to the user. The system integrates sensors and communication modules to provide an interactive and clear experience, ensuring data visualization accuracy and efficient communication of relevant information to the driver.