

Mario Alberto Garcia Estevane

Full Stack Developer | Gpe.Victoria, Durango, México

• marioge44@gmail.com • +52 676 106 00 21 • [Linkedin](#) • [Github](#) • [Portfolio](#)

PROFESSIONAL PROFILE

Developer specialized in creating modern, secure, and scalable web applications, with extensive experience in JavaScript technologies such as React, Angular, Express, Next.js, and NestJS. With a solid command of the development and consumption of RESTful APIs (monolithic and microservices), the integration of responsive and dynamic user interfaces, the management of relational and non-relational databases, and the implementation of CI/CD workflows in cloud environments such as AWS. He stands out for his proactive approach, constant learning, and ability to provide innovative technological solutions to new challenges. Looking to join a software development team to provide efficient solutions and continue his professional growth.

EDUCATION

Computer Engineering

Instituto Tecnológico Superior de la Región de los Llanos (ITSRL)

August 2022 - present

Programming Technician

Centro de Bachillerato Tecnológico Industrial y de Servicios #42

August 2018 - June 2021

EXPERIENCIA PROFESIONAL

- **HydroLink** – *Smart irrigation system*

December 2024 – present

Development of an automated irrigation system that adjusts irrigation cycles based on data collected by soil moisture and temperature sensors. The solution enables efficient water management through mobile-enabled controllers that transmit information in real time.

- Real-time data processing and analysis to optimize irrigation.
- Distributed architecture: mobile app for users, smart keys installed in the field, and REST API hosted on AWS.Implementación de flujos de CI/CD
- **Technologies used:** React Native, TypeScript, PostgreSQL, Express, Sequelize, C++, Docker, CI/CD

- **ProyectoExpotec** – *Web application for computer science questions*

October 2024 – October 2024

A web application developed for Expotec to create an interactive and engaging experience for high school students. The application allows students to ask random computer science questions and view the results in real time.

- Around 50 active users simultaneously
- Developed in a week
- **Technologies used:** React, TypeScript, PostgreSQL, Express, Render, Sequelize, HTML, CSS
- It was very well received by the students, as it included a very friendly, dynamic and fun interface

- **KapraDesign** – *Order and process tracking system*

June 2024 – October 2024

System developed for mobile and PC platforms with the objective of showing and controlling the company's workflow, in addition to the fact that said workflow is linked to the company's orders.

- Developed independently
- It included needs analysis and direct interaction with the client.
- System consisting of a mobile application, a REST API, a database, and a desktop application
- **Tehnologies used:** React Native, TypeScript, PostgreSQL, Sequelize, Express, Electron y Docker
- Although the project was not implemented commercially, it served as a proof of concept and professional development exercise, and has a high possibility of being implemented in the future in conjunction with an online store.

TECHNOLOGIES AND TOOLS

- React.js, Next.js, Redux.
- Angular.
- .NET (Windows Forms)
- Node.js, Express.js, Nest.js.
- HTML, CSS, JS, Tailwind CSS.
- AWS y GCP.
- Docker.
- Git, GitHub, GitHub Actions.
- Linux.
- Python.
- C++.
- C#.
- Java.
- Figma.
- React Native.
- REST API, JWT, PostgreSQL, MySQL, MongoDB, RabbitMQ, Firebase, Sequelize.

HABILIDADES BLANDAS

- Active and constant communication.
- Adaptability.
- Teamwork.
- Continuous learning.
- Punctuality.
- Empathy
- Ability to work under pressure.
- Responsibility.
- Problem-solving.
- Leadership.
- Creativity
- Active listening

LOGROS DESTACADOS

HackDgo – *Finalist in the Hackathon.*

August 2024

- Outstanding participation in the HackDgo in August 2024, together with a team of 5 people, an innovative solution was developed in 3 days to address the high rate of pharmacokinetic contraindications worldwide. The project consists of a web application that, with the help of artificial intelligence, patients' medical records, and the doctor's own diagnosis, generates the most accurate prediction possible.
- **Skills practiced:** Teamwork, work under pressure, adaptability, problem analysis.
- **Technologies used:** HTML, CSS, JavaScript, Bootstrap, PHP, MySQL.

PROJECTS IN DEVELOPMENT

- **Smart Note Taking App:** A platform that connects to different services and applications with which people constantly interact, with the goal of automating the note-taking process with the help of artificial intelligence and a microservices-based architecture.
- **ArtChallenge:** Social network focused on weekly art challenges, in which users can constantly interact with each other, with the possibility of earning money either by winning contests or selling their work within the platform.

LANGUAGES

- Spanish: Native.
- English: A2 (Basic)