Carlos Martínez

juancmtz777@gmail.com | +52 (496) 141 0811
linkedin.com/in/jcarlosmtzz/
github.com/JCarlosMtzZ

EXPERIENCE

Atos   Remote work

Back End Developer Internship   Aug. 2023 – Dec 2023

Collaborated on the management, requirement analysis, design, implementation, and optimization of a distributed Back End following the SOLID principles, Clean Architecture, Design Patterns, and Scrum.

- Created an abstraction layer to implement the Repository Pattern with any class and DynamoDB.
- Communicated microservices by adapting Amazon SNS/SQS to the project's characteristics.
- Improved quality of microservices by reducing bugs, vulnerabilities, and code smells to 0.

EDUCATION

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)   Monterrey, México

B.S. in Computer Science and Technology. GPA: 99/100   *Aug. 2020 – June 2024*

- Líderes del Mañana Scholarship: 100% scholarship for outstanding cognitive, social leadership and performance abilities. Chosen among over 15,000 applicants.
- Acknowledgement, 2021, 2023: Awarded for having academic excellence grades.

PROJECTS

John Deere   Monterrey, México

Full Stack Developer   *Sep. 2022 – Nov. 2022*

Collaborated on the development of a prototype system for operators to learn Mexican Sign Language through an Android App and for administrators to monitor their learning process through a Web App, following the waterfall model.

- Android App built in Kotlin. Web App built in React using pure HTML, CSS, and JavaScript. Both connected to a MySQL database through an API built in JavaScript-Express.

Arca Continental   Monterrey, México

Full Stack Developer   *Feb. 2022 – May 2022*

Collaborated on the development of a prototype Web App for operators to test their abilities regarding the new methodology of the company and for administrators to monitor the learning process of it, following the iterative model.

- Web App built in React using HTML, Bootstrap and JavaScript, connected to a MySQL database through an API built in JavaScript-Express; with Unity minigames integrated using WebGL.

VOLUNTEERING

Proeducación I.A.P.   Remote work

Math, Spanish and History tutor.   *Jan. 2022 – Nov. 2022*

Tutoring for Mexican elementary school students from different states of the country.

SKILLS

- **Coding languages**: Python, C++, SQL, C#, JavaScript, Go, Kotlin, HTML, CSS.
- **Technologies:** .Net, Node.js, MySQL, SQL Server, Firebase, AWS, RabbitMQ, React, Bootstrap, Android Studio, Docker, Git/GitHub, SonarQube, Visual Studio, VS Code.
- **Natural Languages: Spanish** (Native), **English** (Upper intermediate).
- **Soft Skills:** Teamwork, commitment, self-taught, active listening.