

# MARTIN SEBASTIAN GONZALEZ CHAIREZ

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## EDUCATION

**Instituto Tecnológico de la Laguna**

Bachelor of Computer Systems Engineering

**August 2021 - Present**

Torreón Coahuila, MX

## EXPERIENCE

**Entrepreneur** | [Techcare Servicios](#)

**May 2024 - Present**

- Performed hardware and software maintenance on desktop computers and laptops, ensuring reliable performance for clients.
- Demonstrated technical expertise in troubleshooting and resolving a variety of system issues, enhancing customer satisfaction and retention.

## PROJECTS

**Car Dealership Management System Web** | [Angular](#), [TypeScript](#), [NodeJS](#), [Express](#), [JavaScript](#), [Oracle DB](#)

- Developed a full-stack web application for managing a luxury car dealership using Angular, Node.js, Express.js, and Oracle Autonomous Database, featuring user authentication, inventory management, and sales tracking.
- Implemented secure RESTful APIs with HTTPS and CORS, ensuring reliable communication between front-end and back-end, while providing real-time data insights

**Ticketing System App** | [Java](#), [Google Firebase](#)

- Developed a Java desktop application with a graphical interface for physical ticket booths, automating QR code generation, custom design integration, and email delivery to customers.
- Connected to Firebase for real-time QR code storage and validation, enabling seamless entry verification through a companion Android scanning app.

**SIMAS Worker Management System** | [Java](#), [SQL](#), [Azure Data Studio](#), [Docker](#)

- Developed a database-driven application with Java to manage employee records, client accounts, and service requests for SIMAS, with user authentication for secure access.
- Leveraged Azure Data Studio and Docker for local database management, ensuring data integrity and efficient service tracking within the organization.

## TECHNICAL SKILLS

**Programming Languages:** Java, C++, JavaScript, TypeScript, SQL, PHP, HTML, CSS

**Frameworks:** NodeJS, Express, Angular, Bootstrap, OpenGL, XAMPP

**Tools:** Github, Visual Studio Code, Apache Netbeans, IntelliJ IDEA, CLion, SQLDeveloper

**Database and DevOps:** Google Firebase, Oracle SQL Developer, Azure Data Studio, Docker

## ADDITIONAL INFORMATION

- **Languages:** Spanish (Native), English (Expert), Japanese (Beginner), Mandarin (Beginner)
- **Courses:** [Git & Github] , [JavaScript, TypeScript, HTML, CSS, Angular & Bootstrap.]  
[API RESTful Architecture workshop], [DBT Workshop], [Switching and Routing CISCO]
- **Activities:** Active Member at ITLAG Algorithmics Club
- **Competitions:**
  - ICPC TXST Texas-México at Texas State University (2025)
  - ICPC Gran Premio de México (2025)
  - DataWeek Programming Competition at UAC (2025)
  - TecNM Coding Cup Programming Competition (2024)
  - ITSA Programming Contest (2024)
  - CEMEX Hackathon (Monterrey) (2024)