

JOSÉ RODRIGO CARREÓN CARDONA

Junior Software Engineer

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PROFESSIONAL SUMMARY

Information Technology Engineering student with strong foundations in Object-Oriented Programming, seeking to apply my skills in mobile and web development during my university professional practices (August - December 2026). Experienced in building end-to-end solutions, from backend architectures to Android applications, with a strong focus on digital transformation and scalable code.

EDUCATION

Instituto Tecnológico de Aguascalientes Information Technology Engineering

8th Semester | Graduation Date: December 2026.

Relevant Courses: Databases, Data structure and organization, Object-Oriented Programming, Web Development, Software engineering.

PROFESSIONAL EXPERIENCE

PHP Engineer (Part-Time)

Stragitech LLC | 2025.

- Development of critical functionalities for a SAAS educational system, focusing on backend and databases.
- Optimization of SQL queries, reducing response times by 35%.

Technologies: PHP, CodeIgniter, MySQL, Git, Bitbucket, Docker.

TECHNICAL SKILLS

Languages: Kotlin, JavaScript, PHP.

Frameworks: Laravel.

Databases: MySQL, PostgreSQL.

Architecture & Tools: Object-Oriented Programming, Clean Architecture, Git, GitHub, Postman, Docker.

PERSONAL PROJECT

Rodada Libre

Development of an Android mobile application utilizing Kotlin that integrates interactive geospatial maps to locate cycling points of interest. Architected with Clean Architecture principles and supported by a robust Laravel backend for secure data management.

MyClientDB

Built a mobile application serving as a fully functional client for managing remote MySQL databases directly from a mobile device.

EVENTS AND TAKE ACTION

Hackathon – HackMex CTF

Aguascalientes, México (August 2024)

Competed in a Capture The Flag (CTF) cybersecurity challenge, actively identifying and exploiting vulnerabilities..

ICP Hackathon Ciberseguridad

Aguascalientes, México (October 2024)

Developed cybersecurity solutions utilizing Internet Computer Protocol (ICP) and Motoko..

Caminocode | Founder

Aguascalientes, México (January 2024 - Present)

A programming community with the focus of showing the different paths within the tech industry and helping each person to find their own.

ADDITIONAL EDUCATION

Alura | Oracle

(January 2024 –December 2024)

ONE | BACKEND SPECIALIZATION

Technologies: Java, Spring Boot, MySQL, PostgreSQL, Insomnia.