

CARLOS ALBERTO ZAMUDIO VELÁZQUEZ

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EDUCATION

Tecnológico de Monterrey

B.S. in Computer Science and Technology

QS World Ranking: 72nd best university for Engineering & Technology

August 2022 - Expected June 2026

GPA: 95.77/100 (US GPA - 4.0)

EXPERIENCE

Full Stack Mobile Developer, Zazil

July 2024 - October 2024

- Developed a mobile e-commerce application focusing on women's products with a team of 5 developers
- Implemented AI-powered chatbot, shopping cart functionality, and secure user authentication
- Built comprehensive admin panel for inventory management and order tracking with real-time updates

Software Developer, Verqor

February 2024 - May 2024

- Engineered interactive game mechanics and optimized user interfaces
- Developed real-time statistics visualization platform with MySQL backend for data persistence
- Architected and deployed microservices using Docker containers with automated CI/CD pipeline

Platform Developer & Organizer, HackMX 6

July 2024

- Developed the official website and competition management platform for a major hackathon
- Created systems for team registration, project submission, and efficient judging workflow

TECHNICAL SKILLS

Programming Languages: Rust, Go, Python, C++, JavaScript/TypeScript, SQL

Frameworks: React, Next.js, Flask, Django, Flutter

Infrastructure: Docker, Terraform, Git, CI/CD, Microservices

Databases: MySQL, PostgreSQL, MongoDB, Redis

Technologies: REST APIs, TensorFlow, Protocol Buffers, Web Development

ACHIEVEMENTS

First Place in Cybersecurity Tec Zero2Hero2024

June 2024

- Won first place in individual ranking at international cybersecurity competition
- Demonstrated advanced knowledge in vulnerability assessment and penetration testing

Second Place at HackMX 5, Ciudad de México

October 2023

- Led development of AI-powered application for Liverpool enabling natural language car queries
- Implemented NLP features for improved user experience and advanced data processing

ADDITIONAL INFORMATION

Languages: Spanish (Native), English (B2)

Soft Skills: Team Leadership, Technical Communication, Problem-Solving, Proactiveness

Areas of Interest: Machine Learning, Distributed Systems, Cybersecurity, Software Architecture