



CÉSAR ANDRÉS ZULETA MALANCO

COMPUTER SYSTEMS ENGINEERING STUDENT

CONTACT

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EDUCATION

2023 - PRESENT
UNIVERSIDAD AUTÓNOMA
DE AGUASCALIENTES

- Computer Systems Engineering
- 7th semester
- GPA: 9.54/10

TECHNICAL SKILLS

- **Programming:** JavaScript, C, C++, C#, Python, SQL
- **Web:** Node.js, HTML, CSS
- **Tools:** Docker, Linux, Git, GitHub
- **Other:** Flutter/Dart, Networking, STM32/HAL

SOFT SKILLS

Analytical Thinking, Self-Directed Learning, Adaptability, Creativity, Organization

PROFILE

7th-semester Computer Systems Engineering student interested in computer networks, software development, cybersecurity, and data-driven solutions. Strong self-directed learner with analytical thinking and a hands-on approach to problem solving. Interested in applying data science to sports, finance, and crypto, while developing skills in OSINT and ethical hacking.

EXPERIENCE

IT Support & Preventive Maintenance AUG 2026 - PRESENT
Network Department, Universidad Autónoma de Aguascalientes

- Inspect computer hardware and document RAM and storage specifications for inventory.
- Prepare and provide laptops for faculty use.
- Install and configure classroom displays and mini PCs.
- Diagnose and resolve minor hardware, display, and system issues.

CERTIFICATIONS & ACHIEVEMENTS

- Mendix Rapid Developer Certification — 2026
- ICPC Gran Premio de México — Honorable Mention — 2024
- Solana Latam Builders Program — 2026
- Introduction to AI Engineering — Phase I — 2026
- 19th National Programming Contest — ANIEI — Team Roosters, 2024

LANGUAGES

- Spanish — Native
- English — C1 (UAA institutional assessment)

ADDITIONAL EXPERIENCE

Speaker — "Ethical Hacking Audits in Organizations"
Los Jóvenes Hablan Forum · 2022

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PROJECTS

Athena — Sports Data Analysis Platform

PERSONAL PROJECT · 2026 – PRESENT

Technologies: Python · Web Scraping · Data Analysis

- Researching academic literature and quantitative methods for sports prediction.
- Identifying reliable data sources for future data collection.
- Preparing a web-scraping pipeline to gather sports-related data.
- Exploring how statistical data can be combined with betting and prediction-market information to support more data-driven estimates.

Rythmo — E-commerce Platform

ACADEMIC TEAM PROJECT · 2026

Technologies: Node.js · JavaScript · MySQL

- Developed most of the backend for a four-member academic team.
- Implemented user authentication with email, password, and CAPTCHA.
- Developed password recovery using email verification codes.
- Implemented backend functionality for cart, wishlist, and simulated checkout processes.

WireGuard VPN on VPS

ACADEMIC PROJECT · 2025

Technologies: WireGuard · Docker · Docker Compose · Ubuntu · IONOS · SSH

- Deployed a containerized WireGuard VPN on an Ubuntu VPS hosted on IONOS.
- Configured firewall rules, packet forwarding, NAT, and VPN peers.
- Generated client configuration files and QR codes for multiple devices.
- Tested VPN connectivity on desktop and mobile devices.

Self-Host-Stack — Self-Hosted Services Infrastructure

ACADEMIC PROJECT · 2026

Technologies: Docker Compose · Nginx · Nextcloud · MariaDB · Redis · Asterisk · Node.js · DuckDNS

- Deployed multiple self-hosted services on a server using separate Docker Compose stacks.
- Configured a mail server with Docker Mailserver and Roundcube.
- Deployed Nextcloud with MariaDB, Redis, and Nginx.
- Implemented a PBX solution using Asterisk and reverse proxy services with Nginx