

Gael Zarco

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Work Experience

Web Developer

702 Pros

July 2024 – December 2024

Las Vegas, NV

- Developed and maintained full-stack web applications using HTML, CSS, JavaScript, PHP, and WordPress, reducing reliance on external dependencies for new projects by 80%.
- Implemented third-party API integrations in existing back-end systems, automating key B2B services and significantly reducing manual work.
- Resolved high-priority support tasks (DNS, website, and email migrations), minimizing downtime by 15% and earning positive client feedback.

IT Technician

Team Tech Solutions

July 2023 – July 2024

Las Vegas, NV

- Delivered IT support to clients nationwide (remote) and in Las Vegas (on-site), reporting directly to the CEO and Director of Operations.
- Configured network and IT equipment for medical facilities in Las Vegas, ensuring support met SLA requirements and achieving a 99% client satisfaction rate.
- Administered Active Directory, Microsoft 365, and Exchange via Azure, improving ticket resolution speed by 70% for the Las Vegas team.

Education

College of Southern Nevada

Bachelor of Science in Computer Science

December 2027

In Progress

- Coursework: Data Structures & Algorithms, C++, Linux, Networking, SQL Databases, System Architecture & Design, Calculus

University of Nevada Las Vegas

Software Development Bootcamp

June 2022

Completed

- Coursework: Software Development, HTML/CSS, JavaScript, React, AWS, SQL & MongoDB

Skills

- Programming Languages & Tools: C++, Rust, JavaScript, HTML/CSS, SQL, Linux, Docker, Git, React.js, Next.js, AWS, Coolify
- Languages: English (fluent), Spanish (fluent)
- Miscellaneous: CI/CD, REST APIs, Agile, Collaboration, Teamwork, Problem Solving

Projects

RGX

Software Rasterizer (Rust)

2025

Completed

- Software rasterizer that parses .obj files and converts triangle coordinates into 3D renders.
- Uses minimal external dependencies; all rendering logic and file parsing written from the ground up.
- Implements a simple 3D rendering pipeline with transformations, shading, and rasterization-performance optimizations.

Space

Real-Time Messaging Platform (Next.js, Tailwind CSS, Redis)

2024

Completed

- Full-stack web app enabling two users to message in real time with persistent message storage.
- Incorporates a modern UI with modals, toast notifications, animated message feeds, and light/dark mode.
- Utilizes Web Sockets for real-time communication, OAuth for login, middleware to secure user and chat data, and lets users add friends by email.