Gael Zarco

Las Vegas, NV | Bi-Lingual (English & Spanish) | gaelxarco@icloud.com | 702-426-8371 | LinkedIn | Website

Work Experience

Web Developer   July 2024 – December 2024
702 Pros   Las Vegas, NV

- Developed and maintained full-stack web applications using **HTML**, **CSS**, **JavaScript**, and **PHP**, **reducing external dependencies for new projects by 80%.**
- **Implemented third-party API integrations** in existing back-end systems, **automating key B2B services** such as payment processing.
- **Managed MySQL database security and operations** using configuration files, SQL queries, and front-end integrations.
- Resolved high-priority support tasks such as **DNS and Apache/Linux server migrations** while effectively **minimizing downtime** and ensuring **consistent communication between team and clients**.

IT Technician   July 2023 – July 2024
Team Tech Solutions   Las Vegas, NV

- **Delivered Windows PC and network support**, on-site and remotely, to medical facilities across the country, reporting directly to the CEO and Director of Operations.
- **Installed Cisco Meraki network systems and other IT equipment** for clients in Las Vegas, ensuring **support met SLA requirements** and achieving a **99% client satisfaction rate**.
- Administered **Active Directory**, **Microsoft 365**, and **Exchange** processes via **Azure**, **significantly improving ticket resolution speed** for the Las Vegas team.

Skills

- **Programming Languages & Tools**: C++, JavaScript, HTML/CSS, MySQL, Linux, Git React.js, Next.js, AWS, Azure, Active Directory, CRMs, RDP
- **Protocols & Methods**: TCP/IP, SFTP, WebSockets, SDLC, CI/CD, REST APIs, Agile, Self-hosting, Troubleshooting, Debugging, Documentation
- **Languages**: English, Spanish

Education

University of Nevada, Las Vegas | Bachelor of Science in Computer Science   June 2024 – December 2028

- Coursework: C++, Data Structures & Algorithms, Python, Linux, Networking, SQL Databases, System Design & Analysis, Discrete Mathematics, Calculus

University of Nevada, Las Vegas | Software Development Certificate   August 2021 – June 2022

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

Projects

RGX | Software Rasterizer (Rust)   Completed

- Software rasterizer that parses .obj files and converts triangle coordinates into 3D renders written from the ground up.
- Implements a simple 3D rendering pipeline with transformations, shading, and rasterization-performance optimizations.

Home Lab | Self-Hosted Application Platform (Arch Linux, Coolify)   In Progress

- Self-hosted Arch Linux home lab that manages and automates Docker web services with orchestrated application lifecycles including builds, deployments, rollbacks, and environment configuration.
- Exposed internal services securely using Cloudflare Tunnels, eliminating inbound port forwarding and implements SSH access and hardened Firewall rules.

Other Experience

Technical Product Manager   January 2026
Open Workspace   Las Vegas, NV

- Delivered workspace product demos for CES 2025 on latest MacOS, Windows, and computer hardware.