Gael Zarco

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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.
- 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, SQL, MongoDB, Arch Linux, Git, React.js, Next.js, AWS
- **Protocols & Methodologies**: TCP/IP, HTTP, FTP, WebSockets, SDLC, CI/CD, REST APIs, Agile, Self-hosting
- **Languages**: English (fluent), Spanish (fluent)

Education

College of Southern Nevada | Bachelor of Science in Computer Science   May 2024 – May 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   September 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

LabLabAI Hackathon   2023

- Developed an AI-powered creative brief assistant that allows users to rapidly create PDFs and edit the content through a responsive user interface.
- Collaborated with international students of varying disciplines and delivered a video presentation that garnered positive feedback from the judges.