Carson Zuniga

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Skills

- **Languages & Frameworks:** Python, FastAPI, JavaScript, React, C#, C++, Swift, SQL
- **DevOps & Cloud:** Docker, AWS (Lambda, ECS, RDS), GitHub Actions, Jenkins, Terraform, Kubernetes
- **Systems & Observability:** ERP Integrations, CI/CD Pipelines, Grafana Stack (Alloy, Loki, cAdvisor, Prometheus, Tempo), Application Monitoring, Infrastructure as Code

Experience

Backend & DevOps Engineer, HIWIN – Huntley, IL   October 2024 – Present

- **Led the adoption and integration of Infor CloudSuite ERP**, managing the entire company-wide transition to the new system, ensuring smooth data migration and seamless communication between legacy and new systems.
- **Spearheaded the integration of a new e-commerce platform** with the ERP system, managing a project that supports projected annual sales of $5M+ and directly impacting sales and customer experience.
- **Revolutionized CI/CD pipelines** with GitHub Actions, Docker, Pytest, and Apache JMeter, cutting deployment times by 65%, increasing build reliability, and ensuring robust performance and scalability.
- **Designed and deployed a comprehensive observability stack** using Grafana, Alloy, Loki, Prometheus, Tempo, and cAdvisor, significantly increasing system uptime by 30% and enabling quicker resolution of incidents.
- **Built and implemented a FastAPI middleware server** from the ground up, serving as the core integration layer for the ERP system. Streamlined logic across all tools, ensuring seamless communication and consistency without the need for redundant implementations.
- **Led the introduction of Microsoft Azure Active Directory B2C for Single Sign-On (SSO)**, enhancing security and simplifying access for all external tools, including e-commerce platforms.
- **Developed a full-stack platform syncing Infor ERP with HubSpot CRM** for over $1M in deals, increasing sales visibility, enhancing data consistency, and optimizing revenue tracking across the organization.
- **Utilized the Infor REST API** to oversee a large data migration, integrate engineering drawings and product data, and automate data synchronization, ensuring flawless performance during the transition.

Full-Stack Engineering Intern, Publicis Sapient – Chicago, IL   May 2022 – August 2022

- **Designed and launched** a React + AWS (Lambda, MongoDB, ECS) web app for a **global fast-food brand**.
- **Boosted engagement by 20%** through gamification and NFT rewards integrated with the Ethereum network.
- Delivered **80%+ test coverage** using TypeScript unit testing.
- Utilized **Amazon ECS** for seamless deployment and collaborated in a fast-paced SCRUM environment.

Education

University of Illinois at Urbana-Champaign – BS in Computer Engineering, GPA 3.78   2023

Projects

SpotifyToYouTube - github.com/CarsonZuniga/Carson_Zuniga_Portfolio/tree/main/src/SpotifyToYouTube

- React web app converting Spotify playlists into YouTube playlists. Integrated Spotify Web API, YouTube Data API, and OAuth 2.0 authentication using Google Cloud Platform.

carsonzuniga.com - github.com/CarsonZuniga/Carson_Zuniga_Portfolio/

- Personal portfolio website built with Vite, React, React Router DOM, and deployed on Cloudflare Pages.

GasBuddyWorthIt - github.com/CarsonZuniga/GasBuddyWorthIt

- Chrome Extension integrating Bing Maps API to find and highlight the best local gas prices, saving users up to $10 per trip.