KEVIN GARRIDO

Intelligent Computing Engineer | Microservices, ERP & Cloud

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Intelligent Computing Engineer specializing in enterprise TMS and ERP systems using C# (.NET), ASP.NET Web Forms, WebView, Classic ASP, and SQL Server, alongside real-time GPS tracking platforms built with Angular, TypeScript, Node.js, and Python. I implement inter-system EDI and SFTP integrations, manage deployments across Linux and Windows IIS servers, and automate workflows using LLM APIs and Model Context Protocol (MCP).

PROFESSIONAL EXPERIENCE

RAINDE November 2024 – Present

Software & DevOps Engineer *Aguascalientes, MX*

- Develop accounting, logistics, payroll, catalog, and inventory modules for TMS/ERP platforms in C# (.NET), ASP.NET Web Forms, WebView, and Classic ASP with SQL Server reporting.
- Build real-time GPS tracking systems in Angular, TypeScript, Node.js, and Python, processing high-volume telemetry to visualize trucks, devices, and mobile assets.
- Implement microservices and connectors in TypeScript and Node.js for inter-system data transmission via EDI and SFTP, integrating automated messaging and email dispatch pipelines.
- Manage production deployments, service monitoring, and database operations across Linux servers (systemd, Nginx, Docker) and Windows IIS environments.
- Integrate LLM APIs in TypeScript and Node.js to automate operational data extraction, validation, and processing workflows.

Lion Intel Solutions April 2024 – November 2024

Full-Stack Developer *Aguascalientes, MX*

- Architected and built an API-integrated multi-marketplace web application using Vue.js, .NET, and SQL Server for a dermatological company.
- Centralized inventory management into a unified single inventory on the main platform, synchronizing and validating stock levels across all connected marketplaces.

Universidad Cuauhtémoc May 2021 – February 2023

IT Infrastructure & Automation Engineer *Aguascalientes, MX*

- Designed and built internal platforms for IT ticketing, document generation, inventory control, and campus cafeteria operations serving 1,000+ users.
- Administered campus network and IT infrastructure (cabling, repeaters, servers, classroom setups), providing hardware loans, PC maintenance, and projector repairs.
- Operated institutional security and access control systems through CCTV camera monitoring and RFID card access infrastructure.

TECHNICAL PROJECTS & ENGINES

Real-Time Full-Stack Dating Platform *ASP.NET Core Web API, Angular, SQL Server, SignalR / WebSockets, JWT, EF Core*

- Architected a decoupled client-server architecture featuring secure JWT authentication and granular user session management.
- Engineered real-time bidirectional messaging via SignalR/WebSockets and optimized relational schemas with EF Core for high-concurrency throughput.

IANIMATION (3D, VFX & MCP Engines Orchestrator) *Tauri v2, Rust, React, TypeScript, Python FastMCP, Blender, After Effects, UE5*

- Unified my procedural Blender 3D, After Effects Motion-VFX, Adobe Suite, Stick-IK, and Unreal Engine 5 pipelines into a 144-tool MCP monorepo.
- Built a native desktop platform with Tauri v2, React, and FastMCP (Python) automating 3D scenes, auto-rigging, audio analysis, mocap, and rendering.

EDUCATION

Autonomous University of Aguascalientes August 2019 – June 2024

B.S. Intelligent Computing Engineering *Aguascalientes, MX*

Focus: Artificial Intelligence, Intelligent Optimization, Data Mining, and Advanced Algorithms.

TECHNICAL SKILLS

Backend, TMS/ERP & Frontend: C# (.NET), ASP.NET Web Forms, WebView, Classic ASP, TypeScript, Node.js, Angular, Vue.js, SQL Server, TMS/ERP Systems, REST APIs, EDI, SFTP

Servers, Infrastructure & DevOps: Linux Servers (Ubuntu, systemd, PM2), Windows Server (IIS), Docker, CI/CD (GitHub Actions, GitLab CI), Nginx, Bash, Git

GPS Telemetry, Data & Reporting: Python (TCP/UDP Sockets), High-Volume GPS Data Processing, WebSockets / SignalR, Fleet Monitoring (Angular), SQL Server Reporting

AI, LLM Integrations & MCP: LLM APIs (TypeScript / Python), Model Context Protocol (MCP), FastMCP, Autonomous Agents, Workflow Automation (n8n)

Languages & Achievements: Spanish (Native), English (B2/C1 - Fluent), German (Basic) | Marathon Finisher (42.195 km)