# Gengis Salvador Hidalgo Guevara

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## PROFESSIONAL OBJECTIVE

Systems Engineer from the University of Valle. Full Stack Web Developer with 4 years of experience in web applications, ERP, and CRM under the IaaS model—optimizing cloud infrastructure and designing scalable systems for efficient data and user management. Specialized in streamlining workflows and boosting business productivity through the use of diverse technologies.

TypeScript specialist passionate about DevOps, mobile development, and artificial intelligence solutions—always seeking new opportunities to innovate and grow professionally.

## EDUCATION

**Universidad del Valle**, Tuluá, Valle del Cauca
Systems Engineering, 2018 - 2024

## EXPERIENCE

**TheMadFox**                                                                                            Remote
*Frontend Developer*                                                              Jan 2025 – Jun 2025
**Description:** AI consulting startup. Interface development and front-end optimizations.

- Built views with React, TypeScript, Tailwind CSS, Vite, and Next.js (mobile-first, responsive design).
- Integrated API endpoints and implemented report generation and automated email workflows.
- Utilized collaboration and documentation tools: Insomnia, Swagger, AWS Pipeline, Slack, Coda, Clockify, Docker, Makefile, Stripe; followed Scrum methodologies.
- Projects involved:
    - **Geneuse**: AI to optimize thoroughbred horse breeding and multiply success probabilities, with micropayments and subscriptions via Stripe. Responsible for client and admin views, reporting, and email management. International project (Norway and Australia).
    - **MentorHispano**: Educational platform offering personalized learning and real-time analytics supported by a chatbot. Led performance enhancements and optimizations, reducing load times by 60
    - **Red Circular Araucanía**: Georeferenced dashboard of construction flows and waste to support circular-economy decision-making. Handled material-calculation adjustments, alerts, and modals within the dashboard. International project (Chile).
    - **Matty Nutritional Platform**: Modular system for managing nutrition plans and tracking health and training habits. Owned initial layout and integration using Vercel V0. International project (Spain).

**Lifestar Vitalcare**                                                                    Edinburg, TX (Remote)
*Web Developer*                                                                      Jan 2022 – Sep 2024
**Description:** At VitalCare, a life insurance billing company with ambulance services, I participated in the development, maintenance, and optimization of its web application.

- Production deployment using AWS, ensuring stability and security.
- Implemented PDF report generation with PDF.js and advanced search filters.
- Developed modules for PDF-to-HTML conversion and display of multiple reports.
- Designed and implemented custom email templates.
- Optimized performance through database improvements and dependency updates.
- Administrated and maintained servers.
- Contributed to the development of a Kotlin-based web application.
- Implemented end-to-end workflows from backend to frontend for patient report generation.
- Designed and implemented administrative workflows (dashboards with granular access controls).
- Pulse monitoring integration: configured and ingested heart-rate data from pulse oximeters connected to registered ambulances.
- Implemented interactive maps (Leaflet) to display real-time ambulance locations.
- Enhanced billing views: expanded from a single view to a panel of up to four simultaneous views for comparison and analysis.
- Various other enhancements to optimize user experience and internal processes.

**Technology Stack:**

- **Backend:** Node.js, MeteorJS, Java (Microservices).
- **Frontend:** BlazeJS, React, Leaflet.
- **Databases:** MongoDB.
- **DevOps:** AWS, Cloudflare, backup scripts.
- **Mobile:** Kotlin.

- **PDF Generation:** PDF.js.
- **IoT Integrations:** MQTT/WebSockets for pulse data.

## Galaxy VR & Game Lounge
Edinburg, TX (Remote)

*Web Developer*
Jul 2022 – Dec 2023

**Description:** Created an inclusive space for gamers of all levels, with features for both users and administrators.

- **User Features Development:** Implemented a system allowing users to customize their profiles and make reservations for game lounge sessions.
- **Administration Tools:** Developed administrative tools to manage the game listings on the website, including adding game images and organizing tournaments and events.
- **Web Design and Implementation:** Contributed to the final website design and handled server maintenance and deployment using AWS.
- **Backend Maintenance:** Maintained the backend using MeteorJS and MongoDB.

**Technology Stack:**

- **Backend:** MeteorJS, MongoDB.
- **Frontend:** BlazeJS, Bootstrap 5.
- **DevOps:** AWS, Cloudflare.

## Official City of Edinburg Website
Edinburg, TX (Remote)

*WordPress Developer (project-based / intermittent)*
2021 – 2024

*Engagement:* On-demand, project-based work

**Description:** Development and maintenance of the official City of Edinburg website, built on WordPress for the local government.

- Added pages and new features using custom and third-party plugins (homepage sections, coupon management, events calendar).
- Managed dependency updates to ensure platform security and performance.
- Deployed site updates on AWS EC2 and developed automated scripts to back up both the file system and the MySQL database.
- Configured coupon and events plugins to optimize promotional campaigns and enhance user engagement.

## Explora Edinburg ETX
Edinburg, TX (Remote)

*WordPress Developer (project-based / intermittent)*
2021 – 2024

*Engagement:* On-demand, project-based work

**Description:** Development and maintenance of "Explora Edinburg ETX," a directory platform for tourist sites, restaurants, accommodations, and leisure activities to promote tourism in the city.

- Designed and visually implemented various platform sections (category pages, location listings, interactive maps) using custom templates and layouts.
- Integrated and configured directory, map, and filter plugins to display points of interest and tourist routes.
- Updated dependencies and themes to ensure compatibility and enhance security.
- Deployed updates on AWS EC2 and maintained automated backup scripts for files and the MySQL database.
- Adjusted CSS styles and responsive components for an optimal user experience on both mobile and desktop devices.

## CERTIFICATIONS

**AWS Certified Cloud Practitioner**                     Amazon Web Services Training and Certification

This AWS certification provided me with a strong foundation in cloud services and their applications within the AWS ecosystem. It has enhanced my ability to identify and work with various AWS services, enabling me to tackle AWS-based projects with greater confidence and understanding of cloud infrastructure.

**DevOps on AWS and Project Management**                     Coursera

This certification gave me a solid grasp of software development, DevOps practices, and cloud automation. I particularly value the hands-on approach through case studies and AWS automation. It equipped me with practical tools to manage projects more efficiently and to apply continuous integration and continuous delivery practices in real-world scenarios.

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Kotlin, Java, Python.
- **Web Development:** React, Angular, Wordpress, Next.js, Spring Boot, Vite, Tailwind CSS, HTML, CSS.
- **Databases:** MongoDB, PostgreSQL.
- **Tools and Frameworks:** Node.js, Meteor.js, React.
- **DevOps and Deployment:** AWS, Docker, Cloudflare.
- **Others:** LaTeX for technical documentation and presentations.

## LANGUAGES

- **Spanish:** Native.
- **English:** B1.

## SOFT SKILLS

- Teamwork.
- Problem solving.
- Adaptability and continuous learning.
- Time management and task prioritization.
- Effective communication and working under pressure.
- Attention to detail and quality of deliverables.
- Critical thinking and analytical skills.

## PROFESSIONAL INTERESTS

- Evolving into a software architect role and defining design standards.
- Collaborating on multidisciplinary projects to broaden domain knowledge.
- Developing modern web applications.
- Learning new technologies and AI-driven solutions.
- Serving as a technical lead or agile project manager.
- Contributing to projects with social and technological impact.
- Exploring microservices and cloud-native architectures.
- Deepening expertise in DevOps methodologies and infrastructure automation.
- Contributing to open-source communities and sharing knowledge.