

## Gengis Salvador Hidalgo Guevara

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### PROFESSIONAL OBJECTIVE

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Systems Engineer from the University of Valle. Full Stack Web Developer with over 5 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

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**Universidad del Valle**, Tuluá, Valle del Cauca

Systems Engineering, 2018 - 2024

### EXPERIENCE

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#### TheMadFox

Frontend Developer

Remote

Jan 2025 – Jun 2025

**Description:** AI solutions consulting startup. Interface development and front-end optimizations.

- Front-end interface development and optimizations.
- Building responsive, mobile-first views.
- Endpoint integration, report generation, and email automation.
- Collaboration using Scrum methodologies and documentation tools.
- Projects I took part in:
  - **Geneuse:** AI to optimize purebred horse breeding and multiply success probabilities, with micropayments and subscriptions via Stripe. Responsible for creating customer and admin views, reports, and email management. International project (Norway and Australia).
  - **MentorHispano:** Educational platform with personalized learning and real-time analytics aided by a learning chatbot. Responsible for performance improvements and optimizations, reducing load times by 60%. International project (Venezuela).
  - **Red Circular Araucanía:** Georeferenced dashboard of construction flows and waste to support circular economy decisions. Responsible for adjustments in material calculations, alerts, and modals in the dashboard. International project (Chile).
  - **Plataforma Nutricional Matty:** Modular system for managing nutritional plans and tracking health and training habits. Responsible for initial layout and integration using Vercel V0. International project (Spain).

#### Tech Stack:

- React, TypeScript, Tailwind CSS, Vite, Next.js
- Insomnia, Swagger, AWS (Pipeline, EC2), Docker, Makefile
- Stripe, Slack, Coda, Clockify

#### Lifestar VitalCare

Web Developer

Edinburg, TX (Remote)

Jan 2022 – Sep 2024

**Description:** At VitalCare, a life insurance billing company with ambulance services, I participated in the development, maintenance, and optimization of their web application.

- Deployed to production 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 multi-report viewing.
- Designed and implemented custom email templates.
- Optimized performance through database improvements and dependency updates.
- Administered and maintained servers.
- Contributed to the development of a web application in Kotlin.
- Implemented end-to-end workflows from backend to frontend for patient report generation.
- Designed and implemented admin workflows (granular access control dashboards).
- Integrated pulse monitoring: 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: from a single view to up to four simultaneous panels for comparison and analysis.
- Various other implementations to optimize user experience and internal processes.

#### Tech Stack:

- Backend: Node.js, MeteorJS, Java (Microservices)
- Frontend: ReactJS, Leaflet
- Database: MongoDB
- DevOps: AWS, Cloudflare, Docker
- Others: PDF.js, Kotlin, MQTT/WebSockets

### 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:** Implemented a system where users can customize profiles and book gaming rooms.
- **Admin Roles:** Developed admin tools to manage the game list on the site, including adding game images and organizing tournaments and events.
- **Web Design & Deployment:** Contributed to final site design and handled server maintenance and deployment using AWS.

#### Tech Stack:

- Backend: Java Spring Boot, PL/SQL Oracle
- Frontend: Angular, Bootstrap 5
- DevOps: AWS, Cloudflare

### City of Edinburg Official Website

Edinburg, TX (Remote)

*WordPress Developer*

2021 – 2024

*Modality:* Project-based, on demand

**Description:** Development and maintenance of the City of Edinburg's official website, built in WordPress under local government.

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

#### Tech Stack:

- Backend: WordPress, PHP, MySQL
- Frontend: Elementor, JavaScript
- DevOps: AWS, Cloudflare, Shell scripting

### Explora Edinburg ETX

Edinburg, TX (Remote)

*WordPress Developer*

2021 – 2024

*Modality:* Project-based, on demand

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

- Designed and implemented visual templates and managed directory plugins.
- Integrated and configured map and filter plugins to display points of interest and tour routes.
- Updated themes and dependencies for compatibility and security improvements.
- Deployed updates on AWS EC2 and maintained automated backup scripts for files and MySQL database.
- Adjusted CSS styles and responsive components for optimal mobile and desktop user experience.

#### Tech Stack:

- Backend: WordPress, PHP, MySQL
- Frontend: Elementor, JavaScript
- DevOps: AWS, Cloudflare, Shell scripting

## Local Pub BCC

Web Developer

Tuluá, Colombia

2020

**Description:** Creation of the website for a local pub, designed to showcase BCC's menu, including craft beers, cocktails, coffee, and food. The layout uses an interactive carousel where each image represents a menu category, allowing interaction when the image is centered.

- Front-end architecture and responsive layout.
- Implemented interactive carousel for menu categories.
- Integrated dynamic content and conducted usability testing.

### Tech Stack:

- Backend: Node.js
- Frontend: Materialize, JavaScript
- DevOps: Netlify, Cloudflare

## CERTIFICATIONS

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### 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

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- **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

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

## SOFT SKILLS

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- 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

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- 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.
- Deepening expertise in DevOps methodologies and infrastructure automation.
- Contributing to open-source communities and sharing knowledge.