

Ezzio Eduardo Salas Medellín

CTO | Full Stack Developer | SaaS Architect | Cloud & DevOps Specialist

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Professional Summary

Innovative technology leader with over 15 years of experience crafting and scaling secure, high-performance SaaS solutions and enterprise applications. full-cycle software development, identity and access management (IAM), cloud architecture, CI/CD automation, and AI-driven analytics. Proven ability to deliver complex digital transformations, enhance security through robust authorization practices, and lead cross-functional teams with strategic agility and technical proficiency.

Software Architect & Engineering Leader with over a decade of experience delivering scalable digital products, leading agile teams, and solving complex problems across web, mobile, and platform ecosystems.

I specialize in full-stack architecture, API design, high-performance user interfaces, and automated pipelines—transforming complex business goals into resilient, modular solutions that scale with product demands.

My experience spans mission-critical domains including EHS (Environmental Health & Safety), ESG (Sustainability & Governance), Accounting platforms, and ML-driven recruiter tools that optimize candidate sourcing and hiring workflows.

I've contributed to projects for industry-leading brands like Amazon, Disney, Tesla, Penske, and more—helping launch innovative applications that prioritize performance, maintainability, and user experience.

I lead with a balance of hands-on execution, team mentorship, and systems thinking—ensuring product integrity and delivery speed while fostering a culture of ownership and engineering excellence.

Outside of enterprise work, I design and build personal projects that reflect my passion for applied AI, product innovation, and design-driven development:

Fitness and supplement tracking applications AI-driven chat agents and sales/support automation tools Headless commerce utilities and lightweight data dashboards

Generative AI tools for marketing and branding using Stable Diffusion and multimodal pipelines Custom AI model training and fine-tuning for domain-specific business challenges

These projects showcase my interest in blending creativity, engineering, and intelligence to craft purposeful solutions.

Core Competencies

- Identity & Access Management: OAuth2, OpenID Connect, JWT, RBAC & ABAC, Single Sign-On (SSO).
- Security & Authorization: IAM design, policy enforcement, audit compliance, Web3 security, vulnerability management.
- Cloud Architecture: AWS, Azure, Kubernetes, Terraform, Docker.
- DevOps & Automation: CI/CD, monitoring, container orchestration, infrastructure-as-code.
- Full-Stack Development: React, Angular, Flutter, Node.js, Python, SQL/NoSQL, Coldfusion,.NET,SQL SQL Server,JAVA.
- Frontend Architecture & Scalable React Engineering
- ML & AI Integration: Python ML pipelines, Stable Diffusion, custom AI model training.
- Agile Leadership: Scrum, Kanban, MVP, Six Sigma

Professional Experience

Chief Technology Officer (CTO)

TRADE | 2024 – Present

React,NextJs,Astro,Flutter,Python,Mysql,Postgress,GraphQL,MongoDb,SQL Server,Cloud Services, LLM,Stable Diffusion.

- Directed SaaS platform migration from legacy systems, implementing secure multi-tenant architecture with IAM and RBAC controls.
- Develop internal company tools for management and launch for new products and services.
- Designed API authentication/authorization using JWT, OAuth2, and advanced access policies.
- Developed automated infrastructure and compliance workflows.
- Implemented analytics-driven observability systems for real-time performance monitoring.

- Greenfield development · PWA-first mobile strategy · Full software lifecycle (design, test, CI/CD, deployment, monitoring) · Advanced caching & offline support · Manifest & install logic · JWT/OAuth2 authentication · RBAC enforcement · CI/CD pipelines · Scalable API integration (REST & GraphQL) · Modular React architecture · Accessibility & performance optimization · Real-time observability · Multi-tenant platform management
- AI Custom Models for generative and predictive tools.
- Centralize data and services integration for customer facing applications.

Senior Full Stack Engineer / Lead Developer

Improving (formerly Zigatta) | 2022 – 2023

React, .NET, Angular, Node.js, GraphQL, AWS Services, ASP, C#, MySQL, PostgreSQL, Azure

- Built secure, scalable applications for enterprise-level authentication.
- Built scalable and legacy systems to Cloud Services, Functions and DevOps pipelines, ensuring secure, continuous deployments.
- Provided mentorship on secure coding, IAM best practices, and agile methodologies.
- Worked team worldwide members to maintenance and migration of B2B and B2C applications, in the construction and Architectural sectors.
- Led the integration and enhancement of best practices and architectural standards for scalable, multi-service applications.
- Component-based design systems · Functional & OOP paradigms · SOLID principles · Global theming & customization layers · Dynamic configuration handling · Performance optimization · React hooks lifecycle management · Progressive enhancement · Type-safe architectures · Internationalization (i18n) · Scalable state management (Redux, Context API, Zustand)

Senior Full Stack Developer / Tech Lead

Zigatta | 2020 – 2021

React, .NET, Angular, Node.js, GraphQL, AWS Services, Flutter

- Engineered recruiter-focused platforms integrating, secure APIs, AWS IAM roles, and secure sessions.

- Led mobile and PWA application development, emphasizing secure identity and access management practices.
- Built and maintained machine learning–driven recruiter tools, adhering to the full development lifecycle and applying ideal design paradigms for scalability and performance.
- Completed AWS internal certification, reinforcing cloud security and IAM knowledge.

Senior Development Manager

GENSUITE LLC

Coldfusion,SQL Server,Botpress,Lodash,PHP,Java,React,Angular,ZingChart,Python,Bash,JS

- Modernized EHS software into secure, high-performance applications used by clients including Amazon, Disney, Tesla, and Penske—implementing advanced IAM and policy-based access controls.
- Developed secure SQL backend solutions, implemented audit logging, and maintained compliance with global standards.
- Developed internal tools to support agile development and ensure secure, reliable deployments—integrating CI/CD pipelines, cloud infrastructure, and policy-driven security practices.
- Designed, built, and launched global ESG applications for enterprise clients with high usage—delivering 99.99% uptime, robust code coverage, and stability at scale.”
- Led and mentored global development teams, driving successful app migrations, building internal tools, and enforcing security best practices across projects.
- Led the integration and development of OOTB solutions, custom reports, and applications for ESG/EHS clients—successfully integrating partners like Tableau and enforcing RBAC and ABAC security models.

Full Stack Developer

Softtek

- Developed financial software with enhanced authentication and security mechanisms.
- Refactored legacy applications, improving performance and user security.

Education & Certifications

- Universidad Autónoma de Aguascalientes – Bachelor's Degree
- Certifications: AWS Cloud & DevOps (ongoing), CEH (Certified Ethical Hacker)

Technical Skills

- Frontend: React Angular Flutter HTML5/CSS3 Astro PHP Tailwind Vue Vite Svelte SvelteKit Astro Loadash Bootstrap Material UI- Backend: Node.js, Python, SQL Server, MongoDB, GraphQL, Redis.
- Backend & Data: Node.js Express .NET Java C# C++ Python SQL Server MySQL MongoDB PostgreSQL Redis Docker ColdFusion GraphQL RESTful APIs MySQL.
- Cloud & DevOps: AWS Services Azure Docker CI/CD Digital Ocean Vercel Firebase Kubernetes
- - IAM & Security: OAuth2, JWT, SSO, RBAC/ABAC.

Featured Projects

- Analytic and Reporting Applications : Secure cloud-native ESG and EHS compliance platform.
- ML Recruitment Platform: Secure AWS-hosted platform with advanced IAM integration and compliance monitoring.
- Architectural and Construction Digital Platform: Part of the development team for Hilti's digital platform for scaffolding and decking visualization. Developed microservices architecture for rendering and processing construction elements, with focus on performance and scalability