

Isaac Lerma

Senior Full-Stack Developer



Mazatlán, Sinaloa.

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Additional info

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Profile

Full-stack engineer with 7+ years of experience designing and delivering scalable web applications, cloud-native systems, and mobile solutions. Deep expertise in TypeScript, Python, and Node.js ecosystems, with hands-on AWS infrastructure experience (Lambda, ECS, RDS, OpenSearch). Proven track record working in cross-functional teams and building both monolithic and microservices architectures for enterprise clients.

Technical Skills

Languages: TypeScript, JavaScript,

Python and Kotlin.

Frontend: React, Next.js, Astro, Angular and Tailwind.

Backend: Node.js, Express, FastAPI, Django, NestJS, Bun, AdonisJS and Laravel

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB and Redis

Cloud & DevOps: AWS, Terraform and Vercel

Tools & Other: Docker, GitHub Actions, CI/CD, Git, Android Studio

Work experience

Senior Full-Stack Developer

Lumston · Point B

Aug 2021 - Present
Zapopan, Jalisco.

- * I increased development efficiency by 75% (as measured by the completion of weekly tasks) through the advanced use of AI tools such as Claude Code to automate coding and debugging tasks
- * Architected and delivered scalable web applications using TypeScript with Next.js, Angular, and Tailwind CSS for modern dashboards and landing pages, serving enterprise-level client workloads.
- * Built and maintained microservices and monolithic back-end systems using Node.js (Express, NestJS, AdonisJS) and Python (Django, FastAPI), integrating RESTful APIs and third-party services.
- * Designed and deployed cloud infrastructure on AWS using Lambda, ECS, EC2, RDS, S3, CloudFront, API Gateway, and OpenSearch; provisioned environments with Terraform for automated, production-ready deployments.
- * Developed conversational AI chatbots integrating Amazon Lex V2 with Lambda functions in both Python and Node.js, reducing manual support load for clients.
- * Implemented CI/CD pipelines with GitHub Actions, reducing deployment time and improving code quality through automated testing and linting workflows.
- * Collaborated with cross-functional teams across multiple time zones, consistently delivering clean, well-documented, and maintainable code on schedule.

Full-Stack & Android Developer

Geekloppers

Mar 2019 - Jul 2021
Culiacán, Sinaloa.

- * Developed dynamic and responsive web applications using Node.js, Laravel, Angular.js, and Bootstrap, handling both frontend UI and robust backend logic.
- * Built high-performance Android applications using Java and Kotlin with Android Native, delivering scalable and maintainable mobile solutions for diverse clients.

Web Developer (Freelance)

Troya Digital

Oct 2019 - Apr 2020
Mazatlán, Sinaloa.

- * Created responsive landing pages and marketing sites with jQuery, Bootstrap, and modern animation libraries; optimized for performance and cross-browser compatibility.

Data Analyst

Forwxrd

Jul 2018 - Jan 2019
Mazatlán, Sinaloa.

- * Performed data analysis and visualization using R (Plotly, ggplot2) for marketing intelligence and business decision-making; designed and maintained relational databases.

Web Developer

Solemti

Sep 2017 - Dec 2017

Mazatlán, Sinaloa

* Developed web interfaces and contributed to internal digital projects during early-career placement, establishing foundational full-stack development skills.

Education

Engineer in Computer Science

Universidad Politécnica de Sinaloa

2014 - 2018

Mazatlán, Sinaloa.