# ISAAC LERMA

## Senior Full-Stack Engineer — Software & Cloud Infrastructure

Mazatán, Sinaloa, México (Open to remote & relocate) | +52 669 224 7710 | lermalizarraga@gmail.com | linkedin.com/in/isaac-lerma-866b12168 | github.com/Lermaz | lermaz.dev

### PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 7+ years building and shipping web applications and cloud-native backends for enterprise clients. Strongest in TypeScript/Node.js, Python and AWS (Lambda, ECS, RDS, OpenSearch) with Terraform and CI/CD, plus hands-on experience integrating LLM-based tools and conversational AI into production workflows. Comfortable owning projects end-to-end across cross-functional, multi-timezone teams.

### TECHNICAL SKILLS

**Programming:** TypeScript, JavaScript, Python, Go

**Frontend:** React, Next.js, Astro, Angular, Tailwind CSS, React Native, Expo

**Backend:** Node.js (Express, NestJS, AdonisJS), Python (Django, FastAPI), Bun, Go (standard library, Gin)

**AI & Agents:** Cursor, Anthropic API & Claude Code (AI-assisted development), Amazon Lex V2 (conversational AI), agentic tool-use workflows

**Databases:** PostgreSQL, MySQL, MongoDB, DynamoDB, Redis

**Cloud & DevOps:** AWS (Lambda, ECS, EC2, RDS, S3, CloudFront, API Gateway, OpenSearch, Step Functions, CodePipeline, Batch), Azure, Terraform, Docker, Kubernetes, Vercel, GitHub Actions CI/CD, SonarQube, Sentry

**Spoken languages:** Spanish (native), English (C1)

### PROFESSIONAL EXPERIENCE

**Senior Full-Stack Developer — Lumston · Point B** *Aug 2021 – Aug 2026*

*Zapopan, Jalisco (Remote)*

- Built backend services (microservices and monoliths) in Node.js (Express, NestJS, AdonisJS) and Python (Django, FastAPI), including REST APIs, third-party integrations and multitenancy.
- Architected and shipped enterprise dashboards and landing pages in TypeScript (Next.js, Angular, Tailwind).
- Designed and deployed AWS infrastructure (Lambda, ECS, EC2, RDS, S3, CloudFront, API Gateway, OpenSearch) with Terraform, significantly reducing cloud costs.
- Automated CI/CD with GitHub Actions (build, test, lint, deploy), making releases ~3x faster; ran SonarQube code-quality analysis across most projects.
- Shipped conversational AI chatbots with Amazon Lex V2 + Lambda (Python/Node.js), reducing manual client support load.
- Set up error monitoring with Sentry on a Django backend.
- Used Claude Code and Cursor in day-to-day coding and debugging to speed up delivery.
- Owned end-to-end delivery for features and infrastructure with product/design partners across multiple time zones.

**Full-Stack & Android Developer — Geeklopers** *Mar 2019 – Jul 2021*

*Culiacán, Sinaloa (Remote)*

- Delivered responsive full-stack web applications (frontend + backend) for clients.
- Built native Android apps in Java/Kotlin for maintainable, client-ready mobile solutions.

### SELECTED PROJECTS

- **Pigui.ai** — Backend engineer using FastAPI; integrated AI-driven features to power loyalty programs for restaurants and retail stores.
- **Research Assistant CLI** — Python, Anthropic SDK: tool-use agent built from scratch (no framework) with web search, a safe calculator, and date-handling tools.

### EDUCATION

**Engineer in Computer Science** — Universidad Politécnica de Sinaloa, 2014 – 2018, Mazatán, Sinaloa

### CERTIFICATIONS

Anthropic: Claude with the Anthropic API · Claude Code in Action · Introduction to Model Context Protocol