SR. SOFTWARE ENGINEER & SRE MEXICALI, MX · UTC-7 ● OPEN TO SR. REMOTE ROLES

IANDAVID RODRIGUEZ

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−20%
monthly AWS cost
VINOSMITH

+12%
stability & test coverage
VALIMAIL

3
Tier-1 clients: Amazon · Microsoft · Apple
DATAPLOR

PROFILE

Senior Software Engineer and SRE with 10+ years building high-throughput backends in Ruby on Rails and Elixir/Phoenix, and the AWS, Kubernetes and Terraform infrastructure they run on. Shipped systems for Tier-1 clients including Amazon, Microsoft and Apple; currently leading the architecture of Haibu, a multi-platform retail suite built with Rails, Rust and Tauri.

SKILLS

BACKEND	CLOUD & SRE	SECURITY	DATA
Ruby on Rails · Elixir / Phoenix · Rust · Tauri 2.0 · Sidekiq · REST APIs · React · Hotwire · RSpec	AWS ECS / EKS · Terraform · Kubernetes · Helm · Docker · GitHub Actions · CodeDeploy · ECR · Datadog	OAuth 2.0 · TLS / HTTPS · TCP/IP & DNS · DMARC · DKIM · SPF	PostgreSQL · Redis · MongoDB · MySQL / Aurora · AWS RDS

LANGUAGES English (fluent) · Spanish (native)

EXPERIENCE

Feb 2026 – Present

HAIBU — Lead Architect & Full-Stack Engineer

- Architected and built Haibu, a multi-platform retail suite for collective retail spaces where many independent vendors sell under one roof.
- Built Haibu Point, a cross-platform Desktop & Android POS with Tauri 2.0, Rust and React, and Haibu Emprendedor, a vendor portal for live sales, inventory and commissions.
- Designed the multi-tenant Ruby on Rails (API-only) + PostgreSQL core that keeps POS and portals in sync in real time.

Mexicali, MX · Ruby on Rails (API) · Rust · Tauri 2.0 · React · Vite · Tailwind CSS · PostgreSQL

Sept 2023 – Jan 2026

VINOSMITH — Sr. Software Engineer

- Partnered directly with the CTO to lead cloud infrastructure migration, successfully moving monolithic services from legacy AWS EC2 instances to AWS ECS clusters.
- Achieved a 20% reduction in monthly infrastructure costs by implementing Terraform IaC and deploying auto-scaling AWS ECS container clusters.
- Engineered a scalable reporting tool and RESTful APIs from scratch using Ruby on Rails, Sidekiq background queues, and Vue.js with HTML/CSS for real-time sales analytics.

Remote · Ruby on Rails · Sidekiq · RESTful APIs · Vue.js · HTML/CSS · PostgreSQL · Terraform

Oct 2022 – Sept 2023

VALIMAIL — Sr. Software Engineer

- Contributed to the development and deployment of the Enforce product version on upgraded cloud infrastructure, reinforcing TLS/HTTPS encryption, IP validation, and DMARC security.
- Implemented secure OAuth 2.0 authentication flows and achieved a 12% increase in system stability and test coverage via legacy code refactors and robust CI/CD pipelines using Helm and GitHub Actions.
- Collaborated with the SRE team to build automated deployment pipelines on AWS EKS, improving observability and network ingress uptime.

Remote · Ruby on Rails · OAuth 2.0 · TLS/HTTPS · IP Protocols · React.js · PostgreSQL · Kubernetes

Nov 2021 – Oct 2022

ENCORA Sr. Ruby / Elixir Engineer

- Led backend development (Ruby on Rails and Phoenix/Elixir) and RESTful API architecture for a nationwide political campaign platform.
- Engineered a dedicated Elixir request router to intelligently distribute high-volume IP traffic and API requests between legacy systems and microservices with OAuth security.
- Designed and deployed the system's infrastructure architecture using Kubernetes, Helm charts, and Amazon EKS.

Remote · Ruby on Rails · Phoenix (Elixir) · RESTful APIs · OAuth 2.0 · IP Routing · React.js · MongoDB

Sept 2021 – Nov 2021

UNOSQUARE Center of Excellence Lead (Ruby)

- Achieved a 12% increase in operational efficiency during the hiring process by implementing a targeted technical mentorship and training program.
- Mentored and onboarded junior Ruby engineers, equipping them with technical skills in Ruby on Rails, RESTful API design, and client-facing architecture.

Remote · Ruby on Rails · Ruby · RESTful APIs · PostgreSQL · Hotwire · RSpec

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Mar 2021 – Sept 2021

PARTICLE IOT Sr. Software Engineer (Ruby)

- Developed core backend features and Sidekiq background worker pipelines for a Ruby application tracking factory-produced IoT chips with real-time status updates.
- Partnered with the SRE team to lead infrastructure migration from raw Kubernetes manifests to Terraform, improving IaC maintainability.

Remote · Ruby on Rails · Sidekiq · Cloud Migration · Terraform · MongoDB · Chef · Datadog

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Nov 2020 – Mar 2021

DATAPLOR Sr. Software Engineer

- Engineered and launched highly reliable RESTful API data distribution endpoints with TLS/HTTPS encryption and IP filtering for Tier-1 clients including Amazon, Microsoft, and Apple.
- Managed end-to-end data pipelines for exporting large-scale datasets to external corporate partners, crafting responsive interfaces with React.js and HTML/CSS.
- Refactored strategic legacy codebases to mitigate security vulnerabilities and optimize database query performance.

Remote · Ruby on Rails · RESTful APIs · TLS/HTTPS · IP Filtering · React.js · HTML/CSS · PostgreSQL

Mar 2018 – Nov 2020

UNOSQUARE Tech Lead (Ruby)

- Directed and mentored a cross-functional team of 4 engineers (2 Ruby Developers, 2 SDETs) ensuring on-time delivery of advanced features and RESTful services.
- Boosted application reliability by designing and implementing a comprehensive automated testing framework with RSpec and CI/CD.

Aug 2017 – Feb 2018

LA AGENCIA Sr. Software Engineer

- Implemented software design patterns and RESTful API endpoints in Elixir/Phoenix and Ruby on Rails to improve codebase maintainability.
- Engineered critical backend processes in Phoenix to match senior citizens with optimal housing opportunities.

EARLIER EXPERIENCE

Aug 2016 – Aug 2017 **SONATA SERVICES MX** Sr. Software Engineer

Feb 2016 – May 2016 **CLEVERTECH** Rails Engineer

May 2015 – Jan 2016 **SK INTERTAINMENT, INC.** Ruby on Rails Developer

Sept 2014 – May 2015 **SONATA SERVICES** Ruby Developer

OPEN SOURCE

ALPACA UI Rust terminal UI for local Ollama models (Ratatui, Tokio): model discovery, in-TUI pulls, zero-config WSL2 networking.
github.com/D3xx73r/alpaca-ui