

# Celsius Emilio Aray

Full-Stack Engineer | AI-Augmented Development

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Venezuela (Remote)

[celsiusaray.com](https://celsiusaray.com)

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## PROFESSIONAL SUMMARY

Full-Stack Engineer with 8+ years building scalable platforms. Currently orchestrating AI agents across 20+ repositories with 78 custom skills, 516 agent rules, and spec-driven development workflows. Leading testing infrastructure and CI pipeline architecture at Even Labs, a music distribution platform with 26 repos and 12+ engineers.

## TECHNICAL SKILLS

### Frontend

TypeScript, React 19, Next.js 16, React Native, Tailwind CSS, shadcn/ui

### Backend

Ruby on Rails, Node.js, Python, GraphQL, REST APIs, PostgreSQL

### AI & Orchestration

Claude Code, Speckit, MCP Protocol, Agent Rules, Prompt Engineering, Multi-Agent Systems

### Testing & Quality

Vitest, Jest, Playwright, RSpec, MSW, SonarQube, axe-core

### Infrastructure

Docker, Ansible, Proxmox, ZFS, Cloudflare, GitHub Actions, WireGuard

### Tools

Git, Turborepo, Bun, Linear, 1Password CLI, Grafana, Prometheus

## PROFESSIONAL EXPERIENCE

### AI-Augmented Full-Stack Engineer

2025 - Present

Even Labs - Remote

- 35 PRs merged to even-core and even-back — built testing infrastructure, CI pipeline, Docker dev setup, and accessibility improvements across a Turborepo monorepo with 26 repos
- Architected AI agent rules system (183 rules) adopted across 6 team repos, transforming the team's development workflow for 12+ engineers
- Built artist-dashboard demo with spec-driven development (7 spec cycles, documented AI usage, automated quality gates) — live at [music.celsiusaray.com](https://music.celsiusaray.com)
- Created contributor-tracker for automated GitHub analytics — 259 commits, 119K+ lines of testing and infrastructure code
- Hardened Docker development environment for Rails backend with E2E auth bypass for Playwright CI

### Senior Frontend Engineer

Sep 2022 - Oct 2025

CleverIT Group - Chile (Remote)

- Led frontend architecture for Pulzen.ai, an AI-powered SaaS platform with real-time dashboards using Next.js, GraphQL (WebSockets), Zustand, and streaming
- Delivered 60% performance improvement through optimization and resource management, achieving <2s TTI
- Implemented comprehensive testing strategy with Jest and Playwright, reaching 85%+ coverage
- Integrated conversational AI queries for DORA/SPACE metrics visualization
- Mentored junior developers on performance, testing, and architecture best practices

### Head of Frontend

2016 - 2022

Movil5 S.A - Venezuela

- Built and delivered 30+ web projects including PWAs, IoT web interfaces, and a self-managed digital menu platform (Vue-stroMenu) serving 8+ restaurants
- Developed mobile apps with React Native for iOS and Android
- Migrated and optimized applications with Next.js, Docker, and AWS S3

## NOTABLE PROJECTS

### Command Center

AI control plane managing 9 LXC's, 2 VMs, 25+ repos with 14+ custom skills, 10 MCP integrations, remote control via Slack  
*Claude Code, MCP, Ansible, Proxmox, ZFS, Cloudflare*

### **Artist Dashboard**

Music analytics dashboard built with spec-driven development — 7 spec cycles, 4-language i18n, E2E tests, SonarQube integration  
*Next.js, TypeScript, Speckit, Playwright, shadcn/ui*

### **JK BMS Monitor**

Battery monitoring system with web dashboard, data persistence, and real-time visualization  
*Python, Astro, TypeScript, PostgreSQL, Docker*

## **EDUCATION**

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Law (Universidad Bicentenario de Aragua, Venezuela)

## **LANGUAGES**

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Spanish (Native), English (Professional)