Chicago, Il   (224) 236-3566   carlos@hadaelectronics.com   cjairm.me

Jair Mendez (Lead Software Engineer)

SUMMARY

Lead Software Engineer with 10+ years of experience architecting and delivering scalable systems across web and mobile platforms. Specialized in TypeScript/JavaScript ecosystem, search infrastructure, and AI feature integration. Strong background in performance optimization and team leadership with an emphasis on code quality and developer experience.

CORE TECHNOLOGIES

TypeScript • React / Redux • Node.js • Golang • Python • Elasticsearch / OpenSearch • MongoDB • AWS • Docker

EXPERIENCE

Employ inc, Chicago — *Lead Software Engineer*

Lead engineer for high-impact initiatives in enterprise recruitment software serving 1.5M+ users.

Jan 2021 – PRESENT

- ***Technologies:*** *Kafka, CI tools, Cypress, Typescript, Coffeescript, Elasticsearch, Opensearch, AWS, DerbyJS, ShareDB, MongoDB, Figma, Kibana, Opensearch Dashboards, Jira, Confluence.*
- Led search infrastructure migration from Elasticsearch 6.8 → OpenSearch 2.11, achieving ~35% cost reduction while maintaining service for 1.5M+ users
- Architected and validated LLM-powered features using LangSmith, ensuring bias-free and compliant AI outputs in production
- Project lead & spec author for "Remote Work" integration with Indeed/LinkedIn, impacting ~250k daily applicants
- Drove major performance optimizations cutting payloads >75% for large enterprise accounts
- Led team of 4 engineers to deliver Referrals automation feature, significantly improving UX for recruiting teams
- Accelerated integration of acquired product (Pillar HR) by stabilizing code and introducing best practices in Python and TypeScript
- Improved developer experience by converting 100+ CoffeeScript files to TypeScript, reducing type errors

Bemusical/Revsteer — *Software Engineer*

Led development across two SaaS products while growing the engineering team from 1 to 10 engineers.

2017 – 2020
- ***Technologies:*** *Django, React, Redux, PostgreSQL, AWS, Stripe API, Python.*
- Built automated AWS infrastructure tooling supporting 1,600+ monthly users
- Implemented secure payment processing via Stripe API with comprehensive transaction tracking
- Established code review processes, mentoring practices, and engineering standards

SCHOOL

Universidad Autónoma de Guadalajara — *Master of Science in Information Technology and Communications Engineering (2018–2020)*
- Thesis: Real-time tracking system for public transport using IoT technologies.

Instituto Tecnológico Superior de Atlixco — *Bachelor of Engineering in Mechatronics Engineering (2009–2014)*

LANGUAGES

English (Fluent), Spanish (Native)