

Audy Arandela

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience building backend services and full-stack products across fintech, health tech, and energy. Specializes in Clojure, ClojureScript, REST APIs, AWS, and PostgreSQL, with experience delivering third-party integrations, authorization systems, cloud infrastructure, and maintainable production software.

TECHNICAL SKILLS

Languages: Clojure, ClojureScript, JavaScript, Python

Backend and frontend: Ring, REST APIs, React, Re-frame, Node.js, microservices, JWT, JVM

Cloud, infrastructure, and data: AWS, Terraform, Kubernetes, Docker, serverless, IAM, CI/CD, PostgreSQL, Elasticsearch, Git, unit testing

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Guaranteed Rate, Inc.

Sep 2021–Present

- Build and operate Clojure service-layer REST APIs that connect third-party vendors with core lending applications.
- Design and maintain authorization and IAM controls across shared production services, shipping secure, tested changes.
- Support production reliability through on-call troubleshooting and cloud infrastructure work across AWS, Terraform, Kubernetes, Docker, and Elasticsearch.

Full-Stack Developer — Luminare, Inc.

Nov 2019–Sep 2021

- Helped build a COVID-19 screening and vaccination application used by the cities of Houston and Dallas to support efficient vaccination operations during the height of the pandemic.
- Delivered end-to-end health-tech features across backend services, data workflows, and React/Re-frame interfaces using Clojure, ClojureScript, Node.js, and PostgreSQL.
- Used quantitative data to guide frontend and backend decisions and participated in the team's adoption of Kanban and Scrum practices.

Junior React Engineer — EOG Resources

Jun 2019–Nov 2019

- Developed and maintained internal React, Redux, and Redux Saga applications in partnership with cross-functional stakeholders.
- Diagnosed frontend performance and maintainability issues while delivering new functionality.

SELECTED PROJECTS

Rate Goals — rategoals.com

Designed and built a full-stack football-goal voting product with an Elo-style rating model, a Clojure/Ring API, and a ClojureScript/Re-frame interface.

RA Guide — relicarena.guide

Built and deployed a community game-guide catalog as a ClojureScript single-page application on Cloudflare Pages backed by Supabase PostgreSQL and PostgREST.

IntakeOutput — intakeoutput.com

Built a caregiver-focused medical tracking product with quick-entry logging, reminders, and multi-patient dashboards using Clojure, ClojureScript, and PostgreSQL.

EDUCATION

DigitalCrafts — Full-Stack Web Developer Certification, 2019 • **Texas A&M University–Corpus Christi** — B.S. Kinesiology, 2011