

HARRY LAGUNSAD

SENIOR FULL-STACK ENGINEER (NODE.JS · AWS · REACT)

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PROFILE

Senior full-stack engineer with 5 years building and operating web applications on Node.js and AWS. Started a government HRIS as the sole developer and was promoted to lead the 9-person team that scaled it to 20,000+ active users; also strong with RESTful services, TypeScript, AWS (Amplify, Cognito, Lambda, CloudFront), and secure, access-controlled admin tooling.

CORE SKILLS

Languages: JavaScript, TypeScript, Python
Backend & Data: Node.js, Express.js, Django, REST APIs, PostgreSQL / Supabase (RLS), MongoDB
Frontend: React, Next.js, TypeScript, responsive design
Cloud & DevOps: AWS (Amplify, Cognito, S3, Lambda, API Gateway, CloudFront), Docker, Terraform, IaC, CI/CD, Git
Testing & Practices: Vitest, Playwright, test-first development, Stripe, agile delivery

EXPERIENCE

Freelance Full-Stack Developer Jan 2026 – Present
Independent · Remote

- Delivered full-stack development for a video-meeting platform, building client-facing features on a React, Node.js, and AWS stack.
- Built backend services (REST APIs, authentication, cloud deployment) for a content-moderation system.
- Manage client engagements end-to-end, from scoping and development through deployment and support.

Team Lead / Full-Stack Web Developer Oct 2022 – Jun 2026
SparkSoft Solutions Inc. · Quezon City, Philippines

- Led a 9-person team delivering a government HR information system (HRIS) that serves 20,000+ active users (React, Node.js, AWS).
- Designed and built backend APIs powering admin workflows, reporting views, and operational tooling, with authentication and role-based authorization.
- Deployed and operated secure, scalable services on AWS (Amplify, Cognito, Lambda, API Gateway, CloudFront), managing multiple environments across the release cycle.
- Partnered with stakeholders to scope requirements and refine the backlog, keeping delivery predictable and on schedule.

Junior Software Developer Jun 2021 – Sep 2022
SparkSoft Solutions Inc. · Quezon City, Philippines

- Sole developer on the initial build of that government HRIS (Node.js, Express.js, MongoDB, React, JWT auth), before it grew into the team's flagship product.
- Built a full-stack, real-time gate-entry monitoring system with WebSockets, showing each visitor's name and temperature reading live on the security guards' monitors.
- Developed and maintained REST APIs for web frontends and internal tools; fixed bugs and improved performance across the team's services.

PROJECTS

Open-source builds with live demos and automated tests — github.com/hlagunsad

Caliber training-analyzer-ten.vercel.app ↗
Competency platform on a 3-year learning cycle — annual assessments compute each employee's gap to role targets and generate a prioritized growth plan, with four roles and Postgres RLS enforcing separation of duties. **Next.js · TypeScript · Supabase · RLS + RBAC · Vitest · Playwright**

Live Board live-board-one.vercel.app ↗
Real-time collaborative Kanban — cards and presence sync live over a Supabase Realtime channel; fractional ordering keeps each move to a single write. **Next.js · TypeScript · Supabase Realtime · Auth + RLS · Vitest · Playwright**

Moderation Dashboard moderation-dashboard-one.vercel.app ↗
Trust & Safety review queue — role-based access (viewer / moderator / admin), an append-only audit log, and Postgres row-level security enforced at the database. **Next.js · TypeScript · Supabase · RLS · Vitest · Playwright**

Subscription Starter subscription-starter-zeta-khaki.vercel.app ↗
SaaS authentication and Stripe subscription billing, with subscription state written server-side only so users can't self-grant premium access. **Next.js · TypeScript · Supabase · Stripe · RLS · Playwright**

Ask the Docs ask-the-docs-eight.vercel.app ↗
Retrieval-augmented (RAG) document Q&A — answers grounded in your text with citations to the exact source chunks. **Next.js · TypeScript · Gemini · RAG · Vitest · Playwright**

— EDUCATION

Full-stack Web Development

2021

Zuitt Coding Bootcamp Philippines

Built Node.js/Express.js + MongoDB backends and React frontends; deployed to Heroku and GitLab.

BS, Computer Engineering

2015 – 2018

AMA Computer College — Calamba Campus