RONALD GONZÁLEZ DE ARMAS

Full-Stack Developer · Cloud Engineer (in progress)

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Cuba · Remote-Ready

SUMMARY

Self-taught Full-Stack Developer with 2+ years of daily project-based practice. Built and deployed 4 production-ready applications using Next.js, TypeScript, PostgreSQL, and Docker. Automation Engineering student at CUJAE — strong foundation in systems thinking, root cause analysis, and process optimization. Actively pursuing AWS Cloud Practitioner certification (exam April 2026). C1 English (Cambridge CAE 193/210). Seeking a remote role in Full-Stack Development or Cloud Support where I can solve real problems at scale.

TECHNICAL SKILLS

Frontend	React, Next.js 14 (App Router), TypeScript, Tailwind CSS, shadcn/ui
Backend	Node.js, Express.js, Next.js API Routes, tRPC, REST APIs, JWT, RBAC
Databases	PostgreSQL, Prisma ORM, SQL optimization (indexes, connection pooling), MongoDB
DevOps	Docker, Git/GitHub, CI/CD (Vercel), Linux, GitHub Actions (basics)
Cloud	AWS (EC2, S3, IAM, Lambda — studying), Vercel (serverless, edge network)
Networking	HTTP/HTTPS, DNS, REST API debugging, Browser DevTools, root cause analysis

PROJECTS

Library Management System | *Next.js 14 · TypeScript · PostgreSQL · Prisma · Docker · JWT*   GitHub | Live
- ▸ Designed full book-lending platform with role-based access control (admin/librarian/member), loan tracking, and search.
- ▸ Reduced API response time by 60% through PostgreSQL index optimization and Prisma query tuning.
- ▸ Debugged production-grade issues: JWT expiry bugs, API 5xx errors from connection pool misconfiguration, image delivery via Cloudinary.

ChessMaster | *Next.js · TypeScript · PostgreSQL · Stockfish API · Tailwind*   GitHub | Live
- ▸ Built chess opening trainer with 12,000+ variations, real-time AI move suggestions via Stockfish API integration.
- ▸ Implemented full-text search across large dataset; handled API timeouts and malformed responses with graceful fallbacks.
- ▸ Wrote comprehensive API documentation covering all endpoints and engineering decisions.

Multi-Tenant Store Dashboard | *Next.js 14 · Prisma · PostgreSQL · Tailwind · Vercel*   GitHub
- ▸ Built multi-store admin panel with dynamic inventory, orders, and role management for multiple tenants.
- ▸ Resolved state inconsistency bugs, CORS issues, and a 40% re-render reduction via React DevTools profiling.
- ▸ Deployed on Vercel's global edge network — familiar with CDN concepts and serverless deployment pipelines.

AWS Support Toolkit (WIP) | *Python · boto3 · Click · pytest*   GitHub
- ▸ CLI tool automating common AWS troubleshooting: EC2 state checks, IAM policy validation, network connectivity diagnostics.
- ▸ Achieving 80%+ test coverage with pytest; designed to demonstrate support engineering fundamentals.

EDUCATION & CERTIFICATIONS

B.Eng. Automation Engineering (1st year)
CUJAE, Havana · 2025 – Present
Control Systems · Industrial Networks · Digital Logic · Programming

☁ **AWS Certified Cloud Practitioner**
Exam scheduled: April 2026 · Scoring 85%+ on practice tests

🎓 **Cambridge C1 Advanced (CAE) · Score 193/210 — Grade B**

🎓 **CS50 – Harvard University · Verified Certificate**

Spanish (native) · English C1 · Open to remote work globally · Available immediately