

Experience

LabCIBE-UNA

Full stack developer (Part-time, 10 hours/week)

Remote

August 2025 – November 2025

- **Migrated scam management system from monolith to microservices**, improving deployment scalability and reducing maintenance overhead for a national fraud prevention initiative.
- **Built AI-powered scam analysis** system processing image reports and converting data to MISP format, supporting national threat intelligence operations.
- **Automated fraud alert distribution** across social platforms, reducing manual tasks by 70% and expanding community reach through n8n workflow orchestration.

**Tech:** React · TypeScript · Tailwind CSS · NestJS · Microservices · PostgreSQL · Supabase · MongoDB · n8n · Playwright · Gemini SDK

Takumi Labs

Full stack developer

Remote

July 2025 – November 2025

- **Developed core LMS modules** including interactive quizzes and performance analytics, serving 100+ active students across multiple courses.
- **Built advanced analytics module** enabling teachers to query student progress metrics, contributing to 30% improvement in overall course performance.
- **Managed production maintenance and technical support**, resolving critical bugs and ensuring system availability for the educational community.

**Tech:** React · React Router · TypeScript · Tailwind CSS · TanStack Query · Supabase · PostgreSQL · Docker · GitHub Actions · AWS (Lambda, S3, API Gateway, CloudWatch) · .NET · Jest · Cypress

Municipalidad de Nandayure

Frontend developer

Remote

February 2024 – June 2025

- **Developed complete HR management interface** serving 50+ municipal employees, digitizing administrative processes and reducing paper usage by 60%.
- **Integrated AI-powered chatbot** for automated employee support, reducing manual inquiries by 40% with 24/7 assistance availability.

**Tech:** React · Next.js · TypeScript · Tailwind CSS · TanStack Query · Zustand · Zod · Auth.js · Vercel · Cypress · Jest

Education

Universidad Nacional de Costa Rica

Bachelor's degree in information systems engineering. **GPA 8.8 / 10**

Nicoya, CR

May 2026

*All academic requirements completed, pending graduation ceremony.*

Skills & Interests

- **Technical:** React · Next.js · Node.js · TypeScript · Tailwind CSS · TanStack Query · PostgreSQL · Supabase · React Native · Zustand · NestJS · .NET · CQRS · AWS (Lambda, S3, Cognito, API Gateway, CloudWatch, DynamoDB) · Docker · Git/GitHub · Cypress · Playwright · Jest · Sentry · MongoDB · n8n · Zod · Auth.js · Gemini SDK.
- **Language:** Spanish (Native), English (B1 – Intermediate).
- **Soft Skills:** Cross-functional collaboration · Analytical & debugging problem-solving · Adaptability · Ownership · Technical communication · Continuous learning · Attention to detail · Proactive issue resolution.