

JOEL ABDIEL MAY CANCHE

Senior Full-Stack Developer

Mérida, Yucatán, México | mayjoel1507@gmail.com | +52-991-109-8469
[linkedin.com/in/joel-abdiel-may-canche](https://www.linkedin.com/in/joel-abdiel-may-canche) | portafolio-joel-may.vercel.app

PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 8+ years across healthcare, fintech, payroll, and enterprise software. Helped build a nationwide health system for the Government of Panama and a fleet-tracking platform that monitors 700+ devices in Mexico and the US. Core stack: TypeScript, React, Next.js, Node.js, NestJS. Comfortable across microfrontends, microservices, REST APIs, and SQL/NoSQL databases, and used to owning a feature from the database up to the UI. Solid on testing and clean code. Also hold an MBA, which helps when weighing product trade-offs.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML5, CSS3, PHP, Dart

Frontend: React.js, Next.js, React Native, Vue.js, Angular, Flutter, Redux, Zustand, Tailwind CSS, Ant Design

Backend: Node.js, NestJS, Express.js, C#, Codelgniter

Databases: PostgreSQL, MySQL, SQL Server, MongoDB

ORMs: Sequelize, TypeORM, Prisma, Drizzle

Cloud & DevOps: Azure, AWS (S3), Docker, Git, GitLab CI/CD

Tools & Methods: Postman, JIRA, Figma, Scrum, TDD, REST API Design, OpenAPI, Apigee, Kong, Jest, Vite, Vitest

PROFESSIONAL EXPERIENCE

Full-Stack Developer | [Contpaqi](#) | Remote

Mar 2025 – Present

Desktop and web products for an accounting & payroll software suite

- Develop "Mi Contpaqi", a desktop application that lets users download, update, and renew licenses across Contpaqi's full product suite (20+ products), including its web-based admin panel.
- Contributed to "Ideas", an internal web platform for collecting and managing product and feature suggestions.
- Building "Portal Estatus", a real-time monitoring portal that tracks the health of all applications to detect downtime and incidents as they happen.

Full-Stack Developer | [Quarksoft](#) | Remote

Mar 2024 – Mar 2025

Nationwide healthcare platform (ECLI) for the Government of Panama — clinical system serving the country's public clinics (microfrontends + microservices)

- Developed, within an 8-person squad, the clinical consultation module of the nationwide healthcare platform rolled out to public clinics across the country for the Government of Panama — capturing reason for consultation, disease history, vital signs, and physical examination by body region.
- Implemented 20+ RESTful API endpoints in NestJS within a microservices architecture, enforcing healthcare business rules and data validation.
- Built responsive React interfaces for patient intake, vital signs, and pediatric growth-chart visualization, integrating Chart.js for real-time data display.
- Contributed to a microfrontend architecture of 5+ independently deployable frontend modules, enabling releases without cross-module redeployments.
- Developed the pediatric growth-chart tables, and wrote unit tests and API documentation to improve coverage and onboarding.

Full-Stack Developer | [CloudAPPi](#) | Remote

Apr 2023 – Dec 2023

Fintech & enterprise projects – Payment gateways, queue management, and API systems

- Integrated the payment gateway for Vale Pay, enabling e-commerce checkout with food vouchers (vales de despensa).
- Resolved 30+ bugs and shipped UI improvements on Bookthecity, an appointment-booking system.
- Designed and documented REST APIs using Apigee, Kong, and OpenAPI specifications.
- Built reusable UI components and integrated REST endpoints for Wolters Kluwer, an enterprise client.

Frontend Web Developer | Forte Innovation Consulting | Remote

Nov 2021 – Feb 2023

Financial regulatory-reporting platform (SIVA) — rule validation for CNBV-related reports

- Built 15+ reusable Vue.js components for the SIVA platform, standardizing a shared component library that accelerated delivery of new features.
- Built the frontend screens where users configured the validation rules behind the platform's reports (Python backend).
- Authored technical documentation and integration tests, reducing post-deployment defects.
- Participated in deploying the portal to AWS S3 as part of production releases.

Full-Stack Developer | Provix México | Hybrid

Nov 2019 – Oct 2021

Invoice-stamping (CFDI) and payroll-administration platform serving companies across Mexico

- Developed Vue.js frontend features for the invoice-stamping (CFDI) and payroll-administration platform.
- Created backend functions and database queries (Node.js / CodeIgniter), exposing them through endpoints consumed by the frontend.
- Refactored legacy modules, improving maintainability and cutting technical debt.
- Resolved production bugs and provided technical support, keeping the platform stable.

Full-Stack Developer | GS Trackme | On-site

Jul 2018 – Nov 2019

Live satellite fleet-tracking platform monitoring 700+ devices across Mexico and the US

- Participated in migrating a live fleet-tracking platform — monitoring 700+ devices across Mexico and the US — from legacy PHP to Vue.js (frontend) and Node.js (backend).
- Built a real-time email notification system to alert users of tracking events.
- Developed the platform's reporting module for fleet and device activity.
- Worked with Google Maps API for real-time geolocation and live fleet visualization.

SELECTED PROJECTS

Car Rental (Cancún) — Booking platform built as a TypeScript monorepo. NestJS API on a clean, screaming architecture (module → controller → service → repository), Drizzle ORM + PostgreSQL, Zod-shared validation, JWT auth, and unit + integration tests with Vitest.

Balanceados POS — Offline-first point-of-sale app built with React Native and Expo (Expo Router), with a feature-sliced architecture (route → screen → hook → service) and an offline sync layer; UI with Tamagui and NativeWind.

EDUCATION

Master's in Business Administration & Marketing

Jul 2020 – Jul 2022

Universidad CNCI

Bachelor's in Information Technology

Jul 2014 – Jul 2018

Centro de Estudios Superiores CTM

CERTIFICATIONS & TRAINING

- JavaScript – Udemy
- Frontend Web Development – Udemy
- React.js – NinjaTalent
- API Security – APIAddicts

LANGUAGES

Spanish: Native | **English:** A2 (Basic)