

MIKO CAÑARES

Full-Stack Engineer — Business Systems, Automation & Cloud

canaresmiko3@gmail.com | +63 909 611 6995 | ikoy.vercel.app | linkedin.com/in/mikocanares | github.com/koushin07

SUMMARY

Full-stack engineer with three years' experience building business systems that companies depend on daily — legal compliance reporting, customer portals, booking platforms, and workflow automation. Works across **Python**, **FastAPI**, **TypeScript**, **React**, **Next.js** and **PostgreSQL**, deploying to **AWS** with **Docker** and **Terraform**. Two years of enterprise quality assurance behind the development work, so testing and reliability are habits rather than afterthoughts. Comfortable owning a project from first requirement through to live support.

EXPERIENCE

Full-Stack Developer | Atlas Geotech LLC

Feb 2026 - Present

CONTRACT *Python, FastAPI, PostGIS, GeoServer, Celery, Next.js, Terraform, AWS ECS*

- Appointed front-end lead on the hazard analysis application, coordinating two developers and owning delivery tracking for the team.
- Primary developer on the platform that produces California's legally required natural hazard disclosure reports — checking a property against dozens of state and federal hazard datasets and generating the finished legal document automatically, replacing a manual research and formatting process.
- Designed and built the report generation service covering the company's full range of disclosure products, from residential and commercial reports through to tax and tenancy disclosures.
- Diagnosed and fixed a recurring production outage that was crashing the reporting service under load, restoring stability during peak ordering periods.
- Built the customer portal end to end — property search, report ordering, checkout, and delivery — used by escrow officers and real estate agents to buy reports.
- Automated the pipeline that keeps hazard data current, so dataset updates publish without taking the service offline, and added a fallback so a federal data outage cannot stop reports being issued.
- Set up the cloud infrastructure and deployment process on AWS using Docker and Terraform.

Analyst II, ERP Product Application | DXC Technology

Aug 2023 - Dec 2025

EMPLOYMENT *Enterprise ERP, SAP Signavio, Automated test scripting*

- Enterprise QA across server/OS, terminal-based applications, database links, drivers, and user access provisioning for business-critical ERP systems.
- Developed and maintained automated test scripts, raising regression coverage and cutting manual verification effort each release cycle.
- Ran system checks, validated process changes, and escalated defects to keep enterprise operations stable and secure.

Full-Stack Developer | ACE

Oct 2025 - Jan 2026

CONTRACT *Next.js, Laravel, TypeScript*

- Built a clinical placement booking platform connecting students and preceptors, integrating Mapbox for location search, Clerk for authentication, PandaDoc for document packs, and Pipedrive for CRM sync.

Backend Developer | ASAP Roadworthys

Sep 2025 - Nov 2025

CONTRACT *React, Express, TypeScript*

- Built the booking backend for a vehicle inspection service, syncing jobs and customer records with ServiceM8 and sending automated customer emails through Brevo. Designed the payment and booking flow so customers were never double-charged or double-booked when a request was retried.

Frontend Developer | Boostlab

Jun 2025 - Aug 2025

CONTRACT *React, TypeScript, Shopify*

- Built a conversion-focused storefront with Shopify checkout, Checkout.com payments, and Meta Pixel tracking on key funnel steps.

Instructor & Developer | The Tech Academy

Jan 2025 - Jun 2025

CONTRACT Maintained the academy's ASP.NET MVC learning management system; reviewed student submissions and mentored learners through technical troubleshooting.

Full-Stack Developer | Emport

Jan 2025 - Apr 2025

CONTRACT Built an employee management platform for academic institutions — attendance tracking, workload scheduling, leave approval workflow, and automated reporting (Laravel, React).

Full-Stack Developer | Freelance

2022 - 2023

Delivered booking systems, POS modules, and reservation platforms for small and mid-sized businesses across ASP.NET MVC, Laravel, React, Vue, and InertiaJS — requirements through deployment and production support.

System & Infrastructure Engineer, Intern | Apollo Tech

Feb 2023 - May 2023

Set up and maintained physical servers and system software; handled networking tasks and server issue resolution.

PROJECTS

Legal Document SaaS | Six internal production systems

Client work, under NDA

React, Node.js, Express, TypeScript, Supabase, n8n, BullMQ, Docker — Document generation, copy protection, lead generation, and scheduling for a self-help legal-document platform. Built the pipeline that turns a customer's completed questionnaire into a finished legal document delivered to their inbox, plus an admin tool letting staff create new document types without a developer. Added copy protection marking every document with details identifying the buyer, and a system that turns daily public court records into a ranked list of sales leads.

ReadMindMe | AI-Powered Bible Study Platform

Personal

FastAPI, PostgreSQL, Redis, OpenAI — A Bible study app that answers users' questions with relevant scripture, using AI search across the full biblical text enriched with original-language detail and cross-references, and tailored to each user's history. Includes a complete admin console with two-factor authentication, content moderation, and audit logging.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, PHP, C#, SQL

Frontend: React, Next.js, Vue, Inertia, Tailwind CSS, Angular

Backend: FastAPI, Node.js, Express, Laravel, ASP.NET Core

Databases: PostgreSQL, PostGIS, Supabase, MySQL, Redis, pgvector

Cloud & Infrastructure: AWS (ECS, RDS, S3, CloudFront), Docker, Terraform, CI/CD, Linux

AI & Machine Learning: OpenAI API, embeddings, vector search, retrieval-augmented generation (RAG)

Testing & QA: Pytest, Vitest, PHPUnit, Postman, regression testing, API testing, ERP validation

Automation & Integrations: n8n, Celery, BullMQ, Stripe, Shopify, ServiceM8, Pipedrive, PandaDoc

EDUCATION & CERTIFICATION

BSc Information Technology, Mindanao State University, Naawan **Aug 2018 - Jul 2023**

Major in Database Systems

Process Data Analyst, SAP Signavio (Certified Associate) **Sept 2025 - Sept 2026**

Process mining, SIGNAL, SAP Signavio Process Insights & Intelligence