

JON ARBELL DE OCAMPO

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Backend-focused Software Engineer with professional experience building REST APIs, backend services, relational database schemas, cloud deployments, and full-stack web applications. Hands-on with TypeScript, Node.js, Express.js, Laravel, PostgreSQL, AWS (EC2, RDS, S3), Angular, Next.js, Nuxt, and Vue.

EXPERIENCE

Backend Developer — Freelance, Remote

March 2026 – Present

RRBSS Startup · California, USA · Independent Contract

- Developed and maintained RESTful APIs using Express.js and TypeScript for core mobile application features.
- Implemented backend business logic, request handling, data models, and API validation based on product requirements.
- Designed relational database schemas and managed data persistence for evolving application features.
- Deployed and hosted applications on AWS EC2, RDS, and S3, including environment and infrastructure setup.
- Collaborated with frontend development on API contracts, payload validation, and application integration.

Full-stack Developer — Part-time, Remote

December 2025 – March 2026

Tarlac Capitol · Brgy. San Vicente, Tarlac City, Tarlac

- Managed cloud infrastructure and billing across DigitalOcean, Cloudflare, and Hostinger, including account security and credential updates.
- Designed a backend prototype for a Point of Service (POS) system integrated with the TPH API.
- Developed the POS frontend prototype and core relational database schemas for early product planning and validation.
- Contributed technical inputs and documentation during planning for the SDN App Project, supporting requirements and feasibility analysis.
- Migrated and synchronized files from legacy servers to client servers while maintaining data continuity.

Backend Developer — Laravel

August 2025 – November 2025

Primex Ventures Inc. · Brgy. San Vicente, Tarlac City, Tarlac & Brgy. Sapalibutad, Angeles City, Pampanga

- Developed and extended RESTful APIs using Laravel for multiple web applications and client requirements.
- Implemented backend business logic and integrated new modules into existing application architectures.
- Built and maintained APIs for kapitan.ph, barangay.org.ph, and mayap.ph.
- Optimized database queries and API responses to improve application performance and reliability.
- Collaborated with frontend developers to maintain API consistency and reliable data exchange.

Frontend Developer — Vue 3 / Nuxt 3

April 2025 – July 2025

Primex Ventures Inc. · Brgy. San Vicente, Tarlac City, Tarlac & Brgy. Sapalibutad, Angeles City, Pampanga

- Developed kapitan.ph, a SaaS-based system using Nuxt 3 with scalable architecture and reusable components.
- Built barangay.org.ph using Nuxt 3 and integrated it with kapitan.ph for shared data and functionality.
- Developed Vue 3 frontend systems based on client requirements and custom feature requests.
- Maintained and enhanced mayap.ph, an existing client-specific system built with Vue 2.
- Integrated APIs, implemented dynamic data rendering and state management, and built responsive UI components with Tailwind CSS.

SKILLS

BACKEND DEVELOPMENT: TypeScript, Node.js, Express.js, Laravel, NestJS, REST APIs, Spring Boot (Academic), Spring MVC, Spring Data JPA, Spring Security, Java (Academic)

FRONTEND DEVELOPMENT: Angular, Next.js, Nuxt, Vue 3, Vue 2, TypeScript, JavaScript, Tailwind CSS, DaisyUI

DATABASES: PostgreSQL, MySQL, H2 (Testing), SQLite

CLOUD & DEPLOYMENT: AWS (EC2, RDS, S3), DigitalOcean (Droplet, Spaces, Managed Database), Cloudflare DNS, Netlify, Render, Docker, Nginx, PM2

BUILD & VERSION CONTROL: Git, GitHub, Maven, Vite

DEVELOPMENT TOOLS: VS Code, IntelliJ IDEA Community, Postman, npm, pgAdmin, MySQL Workbench, Angular CLI, Laravel Herd, Trello

AUTHENTICATION: JWT, Stateless Authentication

AI TOOLS: Claude Code, ChatGPT

ADDITIONAL: Python, C++

CERTIFICATIONS

National Certificate III in Web Development

October 2025 – October 2030

National Certificate II in Computer System Servicing

February 2025 – February 2030

Certificate of Training in Java Programming - NC III

Certificate of Completion in Master Spring Boot 3 & Spring Framework 6 with Java

EDUCATION

ICCT COLLEGES FOUNDATION INC.

Cainta, Rizal

Bachelor of Science in Computer Science (Undergraduate)

2022 – 2025

MINDTECH TRAINING & DEVELOPMENT INSTITUTE INC. | TESDA

Computer System Servicing — NC II (47 days)

Kapitolyo, Pasig City
October – December 2024

SOUTHERN LUZON TECHNOLOGICAL COLLEGE FOUNDATION, INC. | TESDA

Java Programming — NC III (35 days)

Kapitolyo, Pasig City
August – October 2023

AMA COMPUTER COLLEGE LA UNION

ICT Programming — SHS

San Fernando, La Union
April 2021