

JOMARI M. AVILA

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PROFESSIONAL SUMMARY

Full-stack developer specializing in healthcare and business web applications. Promoted from Associate Programmer to Senior Programmer at Xtreme Offshore Outsourcing Inc. Experienced in Vue.js, Node.js, Express.js, FastAPI, PostgreSQL, REST APIs, RBAC, and AWS. Strong background in client collaboration, Agile delivery, and building ERP, dashboards, and e-commerce systems.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, Python, SQL, HTML, CSS

Frontend: Vue.js, React, Next.js, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, FastAPI, Hono, Sequelize, Drizzle ORM, Prisma

Mobile: Flutter, Swift

Databases: PostgreSQL, MySQL, MongoDB

Cloud and Tools: AWS, Firebase, Git, GitHub, VS Code, Postman, Figma, Power BI

Other: REST APIs, WebSocket's, RBAC, PDF and Excel generation, ESP32

PROFESSIONAL EXPERIENCE

Xtreme Offshore Outsourcing Inc.

Associate Programmer to Senior Programmer

January 2025 – Present

- Developed and maintained healthcare applications including a Laboratory Information Management System (LIMS) and Medical Portal using Vue.js, Flutter, Swift, Node.js, Express.js, PostgreSQL, Sequelize, and FastAPI.
- Designed and implemented RESTful APIs, authentication, and role-based access control (RBAC), including file uploads, PDF/Excel generation, email, SMS, push notifications, and WebSocket real-time features.
- Built voice call / audio features with Flutter and a progressive web app (PWA) using Vue.js and Express.js.
- Designed and optimized PostgreSQL databases through ERDs, Sequelize migrations, and query performance improvements.
- Created UI/UX designs in Figma and contributed to system design documents and technical specifications for medical and laboratory clients.
- Assisted with application deployment and environment configuration on AWS and Linux servers.
- Collaborated with clients and Agile teams to gather requirements, deliver features, and provide maintenance support.
- Earned promotion from Associate Programmer to Senior Programmer; mentored an intern and contributed to multiple web and mobile projects.

Great Deals E-Commerce Corp.

Business Information Intern

January 2024 — March 2024

- Collaborated with the head manager to plan and design a UI/UX framework for Commercial Department users (Leads, BUMs, and BAMs).
- Developed a Campaign and Performance Dashboard for real-time commercial metrics using Vite, Express.js, Node.js, MySQL, and Bootstrap.
- Built APIs to support data integration between systems and improve operational efficiency.
- Designed and developed a role-based access control (RBAC) system for secure authentication and tiered permissions.
- Optimized website performance to improve load times and user experience.

SELECTED PROJECTS

VitaPulse | Vue.js, TypeScript, Hono, PostgreSQL, ESP32 | Jan 2026 – March 2026

- Built a blood pressure and pulse monitoring platform with ESP32 device firmware, cloud API, and Vue dashboard for readings, alerts, device registration, and admin analytics.

TechTherapy | Next.js, MongoDB, Firebase, Tailwind CSS | Sep – Nov 2024

- Developed a wellness web app for journaling, mood tracking, resources, and assessments, with an admin panel for content management.

Enterprise Resource Planning — SOS Children’s Village | PHP, MySQL, Bootstrap | Mar 2023 – Jan 2024

- Built ERP software with donation tracking, PayPal integration, chat, and mobile-ready features for organizational operations.

DJ Medical & Laboratory Supplies Online Shop | PHP, MySQL, Bootstrap | Apr – Jun 2023

- Built an online shop with product management, transactions, and admin dashboards for a medical supplies business.

EDUCATION

Bachelor of Science in Information Technology (BSIT)

National College of Science and Technology, Dasmarinas, Cavite, Philippines

Graduated: August 2024

Honors: With Honors | Award: Most Outstanding Research

CERTIFICATES

- Certificate of Recognition — Most Outstanding Research, NCST (Aug 2024)
- Certificate of Participation — React.js Workshop, Flexisource (Nov 2024)
- Certificate of Completion — Querying Fundamentals, Data Analytics Philippines (Oct 2024)
- Certificate of Participation — Next.js Workshop, Base 404 (Aug 2024)
- Certificate of Completion — Business Intelligence with Power BI, Data Analytics Philippines (August 2024)
- Certificate of Completion — Java Programming Masterclass, Udemy (August 2024)