

# ARNEL BAYLON

Generative AI Developer · Full-Stack Engineer · Freelance Software Consultant  
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## EDUCATION

**CAVITE STATE UNIVERSITY – TRECE MARTIRES CAMPUS** — Philippines Cavite, Philippines  
**Bachelor of Science in Information Technology**

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## WORK EXPERIENCE

**GENERAL EMILIO AGUINALDO MEMORIAL HOSPITAL** — Cavite, Philippines

**Intern Full-Stack Developer (486 Hours)**

2026

- Developed a hospital queuing system with AI integration using Vue.js, PHP, MySQL, and Groq LLM; provided IT support and streamlined patient workflows.
- Built full-stack solutions integrating frontend interfaces with secure backend APIs, collaborating directly with hospital staff on requirements.

**VCM HRIS CAPSTONE PROJECT** — Philippines

**Full-Stack Developer**

2025 – 2026

- Architected a QR-code-based HRIS with modules for employee management, leave tracking, job applications, real-time notifications, and payroll integration.
- Led full system architecture, database schema design, and API development ensuring production-ready code quality, security, and scalability.

**FREELANCE SOFTWARE DEVELOPER** — Remote, Philippines

**Independent Consultant**

June – Present

- Delivered custom software systems for SMEs and organizations, managing end-to-end project lifecycles from discovery and design through deployment.
- Built PresentPo (attendance & time-tracking) and TMRC (running club website) as freelance engagements with client-owned production deployments.

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## PROJECTS

**PaceMentor** — AI-powered running coach mobile app with GPS tracking, adaptive plans & Strava integration  
*Flutter · Firebase · Node.js*

**VCM HRIS** — QR-code HR system: employee mgmt, leave tracking, job applications, payroll & notifications  
*Laravel · Vue.js · MySQL*

**PresentPo** — Workforce attendance & time-tracking platform with scheduling and automated reporting  
*Next.js · Supabase · TypeScript*

**TMRC** — Community website for Trece Martirez Running Club — races, results & news  
*Next.js · Tailwind CSS*

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## CERTIFICATIONS

**IBM AI (2 Badges):** AI Fundamentals · AI Forms & Functions · Intro to AI · Machine Learning · Neural Networks & Deep Learning · RAG for Enhanced AI Outputs · The Intelligence Behind AI

**AWS (1 Badge):** Generative AI · AWS Knowledge: Object Storage · Advanced SQL & Database Design · Serverless Mindset

**Lean Six Sigma:** White Belt — Process Improvement & Quality Management

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## ADDITIONAL

**Technical Skills:** Proficient in JavaScript/TypeScript, PHP (Laravel), React, Next.js, Vue.js, Flutter, Node.js, MySQL, Tailwind CSS; Familiar with Firebase, Supabase, AWS, Vercel, Git, REST APIs, Groq LLM, OpenAI API

**Languages:** English (fluent) · Filipino (native)