

JEROME AVECILLA

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SUMMARY

Web and AI systems builder who ships, not just studies. Delivered production systems for real users: a voting platform handling 5,000+ votes with zero downtime, a registration system processing 300+ applications in launch month, and a marketplace I'm building solo, live in beta. Currently leading a clinic operations platform in active testing with a real client. Proven in TypeScript, Next.js, React/Vue, Laravel, and PostgreSQL through systems shipped end to end, now growing into AI systems and agent architecture through Python, RAG, and MCP. Looking for an internship where I can learn how real industry teams collaborate, ship at scale.

EDUCATION & CREDENTIALS

Bachelor of Science in Information Technology
Bulacan State University - Main Campus

- Specialized in Web and Mobile Application Development (WMAD)
- Leadership & Activities: AWS Student Builder Group, Microsoft Student Community (MSC)
- College Awards: Hackathon Champion - BuISU 13th IT Congress, Consistent Dean's Lister
- SHS Awards: Best Capstone of the Year - Research and Innovation (Golden Minds Colleges)

Jul 2023 - Aug 2027

TECHNICAL SKILLS

Full-Stack: TypeScript, JavaScript, PHP, Python, Next.js, React, Vue.js, Node.js, Laravel, React Native
Databases: PostgreSQL, MySQL, Supabase, Firebase, Drizzle ORM, Eloquent ORM, Prisma
AI & Agentic Systems: LLM Integration, RAG, Agentic Workflows, MCP, Claude Code, Codex, Cursor
DevOps & Tools: AWS, GCP, Docker, Git, GitHub Actions (CI/CD), REST APIs, Postman

EXPERIENCE

Golden Minds Colleges Inc | Web Developer (Part-Time since Grade 12 SHS, Onsite)

- Independently built a campus voting platform from the ground up using Laravel (Eloquent ORM) and MySQL, handling 5,000+ votes, cutting response times 30% and boosting voter turnout 40% via database indexing.
- Solely migrated the institution's legacy website to a modern Laravel/Vue.js stack, including full domain migration to .edu.ph, reducing admin inquiries 35% and page load times 25%.
- Owned the teacher/student class scheduling module for the school's SIMS, building a JavaScript/PHP conflict-detection engine synced with payroll logic, cutting processing time 40% while contributing UI improvements across the broader SIMS portal.

May 2022 - Jan 2025

PROJECTS & INITIATIVES

hahahahub.ph | Solo Founder & Developer

- Building a live marketplace solo connecting parents and event planners with verified party entertainers (clowns, magicians, hosts) across the Philippines, using Next.js, Prisma, Firebase, GCP, and Tailwind for web, and React Native for mobile (in development).

EchoVax: Animal Bite Clinic System (Capstone Project) | Team Leader & Main Developer

- Led a team building a dockerized, monorepo clinic operations system for Dr. Pau Animal Bite Center, designed to replace manual logbooks with a digital workflow.
- Built an offline-first PWA so clinic operations can continue without the internet, with voice-to-text intake (Web Speech API, Gemini NLP) syncing automatically once reconnected.
- Automated vaccination scheduling with SMS reminders and end-of-day PDF reporting, built on Next.js and Supabase.

AWS Student Builder Group (BuISU) | Web Developer & Event Tech Specialist

- Processed 300+ applications in launch month by designing a registration workflow (Next.js, Supabase, Drizzle ORM) with automated emails and broadcasts via webhook, partnering with org leads on requirements and testing.
- Set up and manage live streaming (OBS) for online workshops, providing on-site technical support across events.

Microsoft Student Community (BuISU) | Tech Support Specialist

- Supported 100+ attendees at community tech events and workshops while managing day-to-day community operations.

CERTIFICATION

Salesforce Supported Virtual Internship Program - Salesforce Developer Track
SmartBridge / Salesforce / BuISU

- Completed enterprise application development training in Apex, Visualforce, Lightning Web Components (LWC), and Agentforce Essentials; built declarative automation workflows and data security models

Aug 2025 - Jan 2026