

JAY C. BAYRON

Software Developer

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CAREER OBJECTIVES

To excel in a dynamic work environment, contribute to my team's success, continuously learn, adapt, and enthusiastically pursue opportunities for professional growth and advancement.

WORK EXPERIENCE

Web Developer (PHP) — January 16, 2024 – Present — Cal4care Phils Inc., Quezon City

• Device Provisioning & API Development

- Implemented auto-provisioning for VoIP devices (Yealink, Fanvil, Snom), reducing manual setup time and simplifying configuration for enterprise telephony clients.
- Collaborated with a senior developer to identify and fix feature-related bugs, improving system reliability and reducing error rates across multiple modules.
- Worked with multiple development teams to design and develop APIs based on their requirements, enhancing cross-team integration and streamlining workflows, reducing development turnaround time.

• Software Release & Automation

- Managed the file server for releasing application builds across multiple environments (base, sandbox, beta, alpha, and live), supporting internal teams, external users, and multiple development groups.
- Coordinated with development and QA teams to maintain accurate versioning and timely access to builds, ensuring faster and smoother testing and production deployments.
- Automated installation of new features for client server updates, decreasing deployment errors and reducing administrative workload across client environments.
- Assisted in developing the installation process for the SaaS Control Panel for on-premise distribution, improving setup consistency and reducing setup time.
- Built and implemented license activation processes for a ready-to-use VoIP application, enabling secure and reliable software activation for clients.

• Softphone Integration & CRM Connectivity

- Integrated a RingQ softphone with Salesforce OpenCTI (CRM platform), enabling click-to-call, automated call logging, and secure user access configuration, reducing manual call tracking.
- Implemented Cliniko API integration (patient management system) with the RingQ Dialer to automatically save new patient details and generate call logs, reducing administrative workload.

• Unified Chat Integration & Payment Systems

- Helped develop and integrate WhatsApp, Facebook, and internal channels into a single platform (RingQ Web Application), preparing the system for streamlined multi-channel communication and reducing manual channel management.
- Assisted in building billing and subscription features with secure payment integration (SquareUp), automating customer management and simplifying the payment workflow, reducing potential errors and manual intervention.

- **Video Conferencing (RingQ Meet)**

- Developed a cross-platform video conferencing application using WebRTC for Web and Mobile platforms with full real-time communication support.
- Implemented features including in-call chat, media manipulation (blur effects, device switching), AI-powered meeting summarization, scheduling with email invitations, and a collaborative whiteboard, enhancing collaboration and user engagement.
- Integrated push notifications and real-time updates to improve reliability and ensure seamless meeting experiences for all supported platforms.

- **Charity & Community Applications**

- Developed a cross-platform community communications system (Web, Android, iOS) for the Nagarather community in India, enabling messaging, push notifications, and efficient management.
- Built a Visitor Management App (Web, Android, iOS) for the Sukio Mahikari temple to track check-ins/check-outs, manage notifications, and handle event scheduling and reminders.
- Delivered real-time communication features and a streamlined admin dashboard, improving operational efficiency and enabling better community and organizational management.

Freelance Web Developer — May 2023 - November 2023 — Remote

- **Point of Sale (POS) - Hotplate Sizzling (Valenzuela Branch, PH)**

- Developed a POS system with modules for employee management, inventory tracking, menu management, and sales reporting, tailored for restaurant operations.
- Integrated payment processing and automated receipt generation, improving order handling speed and reducing transaction errors.

- **Appointment & Auto-Billing System – Car Repair Shop**

- Built a scheduling and billing system that allowed customers to book repair appointments, choose services, and receive automated cost estimates and invoices, improving booking accuracy and reducing manual coordination.
- Added staff assignment, inventory tracking, and notification features, supporting better resource allocation and improving shop workflow consistency.

TECHNICAL SKILLS

- **Programming & Frameworks:** PHP, JavaScript, Dart; Phalcon, Laravel, Livewire, Flutter; familiar with CodeIgniter and Vue.js
- **Frontend & Styling:** CSS, Tailwind, Bootstrap
- **Databases & Caching:** PostgreSQL, MySQL, SQLite; Redis for optimization
- **Real-Time & Messaging:** WebSockets (Socket.IO, Pusher)
- **Web & Cloud Deployment:** Managed and deployed web server environments across diverse stacks; experience with DigitalOcean, AWS, and Google Cloud; followed Android and iOS deployment guidelines
- **Version Control & Collaboration:** Git/GitHub for team-based development; adapted to existing codebases to implement new features while maintaining code quality
- **Security & Reliability:** Implemented authentication, encryption, and access control; skilled at investigating and fixing system, application, and database issues
- **Virtualization & Scripting:** Experience with virtual machines, creating custom OS images, and automating Linux tasks using shell scripts
- **AI & Automation:** Applied AI technologies (ChatGPT, Claude, Gemini) to boost productivity and streamline processes

SOFT SKILLS

- **Eager to Learn and Adapt** Open to new ideas and experiences, with a strong willingness to listen, learn, and grow both professionally and personally.
- **Exceptional Problem-Solving Ability** Skilled at analyzing and resolving complex technical issues, with a proven track record of finding effective solutions under pressure.
- **Collaborative Team Player** Able to work effectively within a team, while also thriving independently with minimal supervision to achieve goals and meet deadlines.
- **Positive Attitude & Strong Work Ethic** Consistently maintain a proactive and optimistic approach, demonstrating dedication and a strong commitment to delivering high-quality results.
- **Highly Organized & Detail-Oriented**, skilled in task management, prioritization, and maintaining a clean, well-structured work environment — fun fact: I keep my work folders so organized, so they look like a minimalist art gallery.

EDUCATIONAL HISTORY

Bachelor of Science — Computer Science

The University Manila — Sampaloc Manila, Philippines

Graduated: September 1, 2023

Relevant Coursework: Data Structures, Web Development, Algorithms

Internship (OJT): Assistant Teacher, Basics of Programming — University of Manila, PH

- Duration: 250 hrs
- Assisted in teaching foundational programming concepts to students Grade 7 - 10, focusing on languages such as Python and Scratch.

CERTIFICATES

- Laravel Essential Training | 12/02/22 PHP:
- Object Oriented Programming | 11/29/22 PHP
- for Non-programmers | 11/23/22 Hands-on
- Introduction: PHP | 11/22/22

PERSONAL DETAILS

Full Name : Jay Camanian Bayron
Current Address : Antipolo City, CALABARZON Region, Philippines
Nationality : Filipino
Languages : English, Tagalog, Bisaya

Some details (e.g., address, date of birth) are left out for privacy. Available upon request.

Character Reference to be submitted upon request.

I declare that the information provided is true to the best of my knowledge.

Signature to be submitted upon request.

JAY CAMANIAN BAYRON

Applicant