

Ryan Joshua Z. Gapac

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TECHNICAL SKILLS

- **Languages:** Clojure, Dart, Python, C, C++, Java, Rust, Common Lisp, PHP, Bash, TypeScript, SQL
- **Frameworks & Libraries:** Flutter, Angular, Laravel, Vue.js, Node.js, Ionic, Capacitor, Next.js
- **Databases:** PostgreSQL, Firebase Realtime Database, Firestore
- **Tools & Platforms:** Git, Docker, DigitalOcean, MacOS, Linux, Windows, Android Studio, Emacs, Firebase, Google Cloud

EXPERIENCE

Full Stack Developer | Empatho Sept 2025 - Present

- Developed a multi-page corporate website using Next.js with full Payload CMS integration.
- Built a secure HR Admin Dashboard and Therapist Portal featuring login authentication, session note inputs, and embedded Zoom functionality.
- Implemented dashboard insights and reporting to track metrics such as user utilisation rates.

Full-Stack Developer Intern | Planning and Development Office, BSU Malolos June 2025 - July 2025

- Optimized website performance by converting image assets from PNG to WebP, reducing average page load time by 10% and decreasing bandwidth consumption.
- Engineered a dynamic template builder, empowering non-technical staff to manage site content and reducing developer intervention for content updates by 90%.
- Implemented server-side caching for key API endpoints, resulting in a 30% decrease in average response time and improving user experience during peak traffic.

Mobile & Full-Stack Developer | Spedgrow June 2024 - Feb 2025

- Architected and developed a cross-platform mobile application for SPED children using Angular, Ionic, and Capacitor, delivering a consistent user experience on both iOS and Android.
- Led the initiative to containerize the Laravel back-end with Docker, streamlining the development workflow and reducing new developer onboarding time by 75%.
- Implemented a real-time progress tracking feature using WebSockets, which increased active user engagement by 25% according to internal metrics.

Backend Developer | OneLoyal 2024 - Present

- Developed and maintained cross-platform mobile features using Flutter and Firebase, contributing to a stable and scalable application architecture.
- Championed the adoption of unit and widget testing, increasing overall code coverage from 15% to 60%, which significantly improved application stability and reduced critical bugs.
- Refactored the authentication flow using Firebase Authentication, which enhanced security and reduced login-related user support tickets by 40%.

EDUCATION

Bachelor of Science in Computer Engineering Bulacan State University, Malolos, Bulacan

Expected Graduation: 2026

AWARDS & CERTIFICATIONS

- **Cisco Certified Support Technician (CCST) Networking** (2025)
- **Google IT Support Professional Certificate** (2025)
- **C++ Certified Associate Programmer (CPA)** (2017, Sololearn)