GEMUEL JOY V. ALCANTARA

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Education

Quezon City Polytechnic University   **Quezon City**
Bachelor of Science in Information Technology   **2015 - 2019**

Technical Skills

Languages & Frameworks: PHP (Laravel), Node.js, Vue.js, React.js, JavaScript, TypeScript, HTML, CSS**,** Bootstrap
Databases: MySQL, MongoDB, MS SQL, Redis
Tools & Technologies: Docker, Digital Ocean, REST APIs, Git**,** Metronics
DevOps & Source Control: GitLab, Git, CI/CD
AI Integration: OpenAI (GPT), Anthropic (Claude)

Projects

E-Commerce Platforms – Engineered full-featured online shopping systems with PayMaya, PayMongo payment integration, inventory management, and dynamic reporting dashboards.

Content Management Systems (CMS) – Designed and developed custom CMS solutions using PHP (Laravel), Node.js, React.js, enabling seamless content publishing and user management.

Reservation Systems – Built and optimized real-time booking platforms with calendar synchronization, automated notifications, and user-friendly interfaces.

Google Chrome Extensions – Developed powerful browser extensions with JavaScript, APIs, enhancing automation, productivity, and data extraction capabilities**.**

Social Media Applications – Created engagement-driven platforms integrating interactive features such as real-time messaging, notifications, and social feeds.

Ride-Hailing Applications – Designed and implemented ride-booking systems featuring real-time tracking, automated fare calculation, and driver-rider matching algorithms.

AI-Powered Chatbots – Integrated OpenAI (GPT), Anthropic (Claude) to develop intelligent chatbots for automated customer support and dynamic content generation.

Experience

Hackazouk, Inc   Quezon City
Fullstack Developer   **06/2021 – Present**

- Developed websites and web systems using **PHP**, **Laravel**, **Node.js**, **Vue.js**.
- Converted design mockups into functional frontend interfaces using **HTML, CSS, SASS**, **JavaScript**.
- Styled and enhanced UI with **Bootstrap**, **Metronics** for modern design.
- Implemented backend functionalities with **Laravel**, **REST APIs**, third-party service integrations.
- Refactored backend logic to enhance system processing efficiency.
- Managed cloud deployment on **Digital Ocean**, utilized **Docker** for server management.

- Developed and automated **cron jobs**, **queued jobs** for background tasks.
- Designed scalable database architectures for **MySQL** supporting high-traffic applications.
- Optimized MySQL, **eloquent and raw queries** by improving database indexing and queries resulting in faster execution time.
- Updated old and legacy projects into the latest stable version and adhere **to OWASP 10** for better security.
- Implemented **Redis** for session management and caching.
- Trained and mentored junior developers, improving project delivery efficiency.
- Developed internal Laravel libraries, streamlining recurring development tasks.
- Conducted system testing, debugging, and quality assurance.
- Collaborated with clients, provided technical consultations, and project updates.
- Participated in all phases of the Software Development Life Cycle (**SDLC**).
- Followed Agile methodology for project management.

Freelance   Remote
Fullstack Developer   **03/2020 – Present**

- Provided technical consultations and custom software solutions for clients.
- Built and deployed **RESTful APIs** with **PHP (Laravel)**, **Node.js**, integrating them with mobile and web applications.
- Developed dynamic UIs with **React.js**, **HTML**, **CSS**, **TypeScript**, **Bootstrap**, enhancing user experience.
- Improved database efficiency by optimizing indexing and restructuring queries.
- Deployed scalable applications on **Digital Ocean** with **Docker**.
- Created **CMS solutions**, **Chrome extensions**, and **social media platforms** for various clients.

Hivelabs Technology Corp   Caloocan CIty
Fullstack Developer   **07/2020 – 01/2021**

- Developed and optimized **REST APIs** using **PHP (Laravel)** improving system performance.
- Converted design mockups into functional frontend interfaces using **HTML**, **CSS**, **JavaScript**.
- Styled and enhanced UI with **Bootstrap**, **Metronics** for modern design.
- Optimized database performance and query execution in **MySQL**, **Firebase** for realtime tracking.
- Ensured seamless API integration with frontend and mobile applications.
- Provide insight and suggest solutions in the planning phase.

Katadigital, In   Pasig City
Junior Programmer   **06/2019 - 02/2020**

- Developed and maintained backend services using **PHP**, **Laravel**.
- Integrated APIs and enhanced website functionalities using **HTML**, **CSS**, **JavaScript**, **jQuery**.
- Managed and optimized company databases in **MS SQL**.
- Developed and optimized **MS SQL stored procedure** improving query execution
- Provided and assisted in troubleshooting and bug fixes, ensuring smooth application performance.