Rafael Aquino

Full-Stack Web Developer

Relevant Experience

Project Staff, University of the Philippines Diliman - College of Science
July 2025 – Present

- Continued technical support and system administration for the CS Centralized Portal ensuring uninterrupted service availability.

- Performed regular **server health checks**, log monitoring, backup files, and security hardening to ensure system reliability and data integrity.

- Conducted routine database maintenance, data cleanup, report generation, and analytics preparation for the Dean and Associate Deans.

- Implemented Google Single Sign-On (SSO) for secure and seamless user authentication across systems.

- Provided technical support to **faculty members, students, and administrators**, resolving system issues, access concerns, and usage inquiries.

- Developed and automated Google Forms for the OCS Office using Google Apps Script, streamlining processes such as Change of Grade and Removal Permit submissions.

Junior ICT Assistant, University of the Philippines Diliman - College of Science
July 2024 – June 2025

- Led backend refactoring efforts to modernize outdated modules, improve code quality, and align systems with updated PHP security standards.

- Improved UI/UX by streamlining workflows, simplifying forms, and enhancing overall usability in response to user feedback.

- Assisted in system town hall presentations to promote adoption and proper usage of digital platforms.

- Updated TCPDF and integrated QPDF to eliminate unsigned document errors while strengthening document security and integrity.

- Supported the development, maintenance, and daily operations of major web-based systems used by faculty, staff, and students, including the CS Centralized Portal and the CS Resources & Equipment Database.

Full Stack Developer, Aimporo Business Technologies, Inc.
July 2023 – March 2024

- Designed and developed a digital marketplace platform for entrepreneurs offering software tools, Excel templates, and online masterclasses.

- Built and maintained web-based products including financial trackers, invoice generators, and project management tools.

- Implemented and customized features from **GoHighLevel** for CRM, automation workflows, lead management, and client communication integration.

- Collaborated with stakeholders to translate business requirements into functional system features and user-friendly interfaces.

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Skills

Programming Languages
JavaScript, PHP, Google Apps Script

Libraries & Frameworks Tailwind, Alpine, Laravel, Livewire, CodeIgniter, Vue, jQuery, Ajax, Bootstrap, Filament, QPDF, Resque, TCPDF, Ghostscript, FPDI

Backend & Web Development

- REST API development & integration
- MVC architecture
- Authentication & authorization systems
- CRUD systems & relational database design
- Server-side validation & security best practices (XSS/CSRF handling)
- File processing & PDF generation
- Web system optimization & debugging

Tools & Platforms
Editor & IDEs

- Sublime Text, Atom, PhpStorm, VScode

Version Control

- Git, Github, Github Desktop

Collaboration & Project Management

- Jira, Notion

API & Dev Tools

- Postman, Homebrew, Laravel Herd, Docker *(familiar)*

Editor & IDEs

- Sublime Text, Atom, PhpStorm, VScode

Local Development Environments

- XAMPP, LAMP

Operating Systems

- macOS, Windows, Linux (SSH, package management, web server setup)

- Performed testing, debugging, and ongoing system improvements to ensure performance and reliability.

Graphic Designer & Tech Support, **Qing Tian Enterprises Corp**
Jan- Dec 2021

Graphic Designer:
- Created visually appealing graphics that aligned with brand identity, effectively conveying marketing messages.

- Contributed to the development of marketing collateral, social media content, and promotional campaigns.

Tech Support:
- Provided comprehensive technical support, handling computer repairs, diagnostics, and upgrades.

- Diagnosed hardware and software issues, offering efficient and effective solutions to ensure optimal system performance.

Freelance Web Developer Dec 2019 – 2024
Portfolio & projects: https://chrysippus2497.github.io/

- Designed and created client websites, managing turn over projects from other developers or from start to finish projects, utilizing current technologies and design trends to deliver visually appealing and functionally robust websites.

- Implemented responsive design practices, ensuring optimal display and performance across various devices and browsers

- Collaborated with clients to understand their specific needs and requirements, translating them into effective and user-friendly web solutions.

- Applied industry best practices for web development, including clean and maintainable code, security considerations, and performance optimization.

- Demonstrated proficiency in a range of web technologies, keeping abreast of emerging and trends and incorporating them into project development.

Certifications

- Networking Essentials
  January 2021
- Introduction to Cybersecurity
  September 2021
- Cybersecurity Essentials
  September 2021
- Emerging Technologies Workshop: Model Driven Programmability
  August 2021
- NDG Linux Essentials
  June 2022
- Introduction to Networks
  August 2022

Education

AMA Computer College Caloocan
Bachelor of Science in Information Technology

Core Member at
Google Developer Student Clubs AMA Computer College Caloocan

Interests

Gaming, Cooking, Playing Guitar, Watching Movies