

Arvin Christopher G. Laqui

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EXPERIENCE

World Vision Development Foundation, Inc.

July 2013 – Present

Systems Specialist – Full Stack Developer

Development Experience

- Developed JoyToGive, a scalable crowdfunding platform with a **Laravel back-end** and an **AngularJS front-end**, seamlessly **integrating PesoPay and PayPal for payments**. Designed an intuitive UI with **Bootstrap** and optimized **MySQL performance**, raising nearly **7 million pesos** and delivering classrooms and hand pumps to 50 communities over 2 years.
- Developed MySponsorship, a mobile app powered **by AngularJS and Ionic**, with a robust **Laravel API and MySQL backend**. Designed and implemented key features, including real-time data synchronization and secure API communication, optimizing backend workflows and driving **a 30% increase in sponsorship retention**.
- Developed VirtualRunForChildren, a corporate fun run platform with an **AngularJS front-end, Laravel API, and MySQL backend**. Designed and implemented key features, including an admin dashboard for event management and real-time participant virtual run tracking, optimizing backend processes and enhancing overall user engagement.
- Designed and implemented E-Receipts using **VB.Net, Laravel API, and MS SQL, integrating seamlessly with the company's CRM**. Automated receipt processing, eliminating manual scanning, and achieved **annual savings of 300k pesos** in postage while significantly **reducing manpower for handling thousands of receipts**.
- Developed a Finance Site using **Laravel, Angular, and MySQL**, featuring a suite of financial tools and automations, including **BIR2307 auto-generation and batch emailers**, hardcopy attachment monitoring, and an OR tracking database. **Automated thousands of BIR2307 submissions to suppliers**, implemented **automatic reminders** for missing hard copies, and improved official receipt tracking, significantly reducing manual effort and errors.
- Developed Commblast, an SMS blast platform built with **AngularJS, Laravel API, and MySQL** backend. Integrated with a **3rd-party SMS API** and Android phones for streamlined messaging. Key features include batch SMS sending, chat-style replies, scheduled messages, and CRM integration for real-time contact updates, resulting in **thousands of satisfied sponsors due** to prompt and efficient response handling.
- Developed the Student Ambassador platform using **ReactJS, Laravel API, and MySQL** backend. Designed to help students easily register and follow courses required by the World Vision ambassadorship program. Features include real-time course tracking, activity monitoring, and an intuitive interface, enhancing ease of use and engagement.
- Implemented an email forwarding system using **Power Automate and Laravel API**, integrating directly with the CRM. Automatically forwards emails from sponsors and donors to their assigned customer agents, saving over **100 hours of manual forwarding** and **improving response efficiency**.
- Developed the Christmas Card Tool using **Node.js, integrated with the CRM** to **automate the generation, splitting, mail merging, and sending** of Christmas cards. **Saved over 200 hours of manual sorting, renaming, and distribution**, significantly improving efficiency during the holiday season.

- Collaborate in **building and maintaining a scalable data warehouse** and Power BI dashboards, offering improvement suggestions to **optimize data processes**, reporting efficiency, and overall business insights.

Server Cloud Experience

- Set up and migrated all on-premise applications to AWS Cloud, configuring **EC2** instances with **Ubuntu** for scalable computing, **S3** for storage, and **Glacier** for long-term archiving. Ensured a smooth transition with minimal downtime, optimized cloud resources, and enhanced scalability, security, and cost efficiency
- Updated all applications to use **Docker** for containerization and **Bitbucket** for version control and CI/CD, ensuring business continuity through efficient deployments, scalability, and streamlined development processes
- Implemented and maintained **Kobo Toolbox on AWS via Docker on Ubuntu-based EC2** instances, ensuring continuous availability, secure data management, and scalable performance for large-scale surveys.
- **Maintaining and updating servers** to ensure they remain secure, up to date, and optimized for performance by applying the latest patches, security updates, and configuration improvements.

Support Experience

- Provided **L1 and L2 support** for existing systems, addressing issues, **resolving bugs**, and implementing **enhancements** to ensure optimal performance, stability, and user satisfaction.
- Created and maintained **comprehensive technical documentation** and user manuals to support business continuity, ensuring seamless knowledge transfer, system maintenance, and user onboarding.
- Created and maintained multiple advanced **Crystal Reports** integrated with **MSSQL**, delivering data-driven insights and custom solutions to meet evolving business requirements and complex reporting demands.
- Maintained and enhanced legacy applications, ensuring optimal performance, stability, and seamless integration with evolving business requirements.

SKILLS

- **Programming:** VB.net, C#, JavaScript, Python, PHP, HTML, CSS
- **Frameworks:** Laravel, Angular 10+, ReactJS, .NET, NodeJS, Power Automate
- **Design:** Bootstrap, Crystal Reports
- **Database:** Microsoft SQL, MySQL, PostgreSQL
- **Version Control:** Git, Github, BitBucket
- **Servers and Cloud:** Ubuntu, Windows 2019, Docker, AWS EC2, AWS S3, Lightsail

CERTIFICATIONS

- Architecting on AWS June 2023
- AWS Technical Essentials June 2023
- Implementing a datawarehouse with Microsoft SQL Server (Course 20463C) June 2015
- World Vision's Information Security and Data Protection Training Feb 2023