

FRANZ DAINELL VALONES

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EDUCATION

National University - Baliwag Complex, SM Baliwag, Dona Remedios Trinidad Hwy, Baliwag, Bulacan
Degree in BS in Information Technology with Specialization in Web and Mobile Application 2021 - Present

Baliwag University Gil Carlos St., Poblacion, Baliwag, Bulacan
Degree in Science, Technology, Engineering and Mathematics 2019 - 2021

EXPERIENCE

globallifeessentials | Temporary Web Administrator

- Maintained SSL certificate for web application.
- Ensured domain email configurations.
- Fixed an issue where the web is mistakenly flagged for phishing.
- Handled hosting-related duties for a limited time.

Achieve without Borders, Inc. | Quality Assurance Engineer Intern Nov 2024 - Feb 2025

- Created over 1,500+ reusable and modular test scenarios to ensure extensive test coverage across multiple application modules.
- Coordinated closely with software engineers to prioritize and resolve critical bugs requiring immediate attention.
- Applied multiple test case design strategies such as boundary value analysis, state transitions, positive and negative handling, equivalence partitioning, and etc.
- Identified and reported multiple bugs ranging from minor UI issues to critical system defects.
- Gained hands-on experience with Human Resource Information Systems (HRIS)

Hooli Software, Inc. | Software Engineer Intern Mar 2025 - June 2025

- Submitted 20+ pull requests in 400 hours addressing a wide range of issues, from minor UI inconsistencies, bugfixing, up to the implementation of new features.
- Gained hands-on experience in API-centric development with Golang, gRPC, and GORM as backend tools, and developed dynamic front-end applications using Next.js alongside multiple UI and state management libraries.
- Developed a strong understanding of container image scanning, vulnerability detection, and security best practices through hands-on experience with Carbonetes.
- Practiced effective version control using Git and Bitbucket, including pull requests, branching, and conflict resolution.
- Effectively handled merge conflicts with other branches, ensuring smooth integration and minimal disruption to development workflows.
- Focused on writing modular and reusable code during feature implementation and bug resolution to improve development efficiency.

SKILLS

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|------------------------|---|
| Programming Languages: | Java, PHP, Dart, Javascript, Golang, Typescript |
| Libraries/Frameworks: | React, Flutter, Next, GORM |
| Tools / Platforms: | Git, VS Code, Windows, Linux, Docker, BitBucket, Jira |
| Databases: | MySQL, NoSQL, PostgreSQL |

PROJECTS / OPEN-SOURCE

RACS Cakes & Pastries Ordering System (Project lead | Full stack developer) *HTML, CSS, PHP, JavaScript, MySQL*

- Laid out the plan to develop the web application from start to deployment
- Developed the web app from scratch including UI/UX design, back-end architecture, and relational database schema.
- Collaborated with stakeholders to gather requirements and ensured the project met their expectations and deadlines.

Carpooling Web Application (Project lead | Full stack developer) *HTML, CSS, PHP, JavaScript, MySQL*

- Developed the admin- level functionalities of the system.
- Implemented various JavaScript libraries to enhance UI/UX experience and make projected reports easy to comprehend.
- Documented the development of the system by making diagrams and laid out the plan from start to deployment.

Jollyfish Mobile Petshop Ecommerce (Project lead) *Dart, Flutter, Firebase NOSQL*

- Presented the developed application to a panel of experts during the IRCITE event, showcasing its features.
- Created diagrams and flowcharts to represent the application's design and functionality.
- Collaborated with team members to ensure the application's alignment with project goals and industry standards.

Incident Reporting System with Mobile GPS Technology (Project lead) *HTML, CSS, JavaScript, Dart, Flutter, React, Firebase NOSQL*

- Collaborated with stakeholders to ensure that the capstone project aligns with their goals as well as ours.
- Authored comprehensive documentation detailing the project lifecycle, technical specifications, and user guides.
- Created detailed test cases for the capstone project to systematically identify, document, and resolve bugs, ensuring the application met functional, performance, and usability standards.

CERTIFICATIONS

- Software Engineer Intern - **HackerRank**
- Java (Basic) - **HackerRank**

HONORS & AWARDS

- Dean's Lister A.Y. 2021-2022
- Dean's Lister A.Y. 2022-2023
- Dean's Lister A.Y. 2023-2024
- Dean's Lister A.Y. 2024-2025
- IRCITE Participant A.Y. 2023-2024
- CGWA 3.42 - Cum Laude