

FRANZ DAINELL V. VALONES

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EDUCATION

Bachelor of Science in Information Technology with Specialization **2021 - 2025**
in Mobile and Web Applications Complex, SM Baliwag, Dona Remedios Trinidad Hwy, Baliwag,
National Univesity - Baliuag City Bulacan

- **CGWA 3.42 - Cum Laude**

Science, Engineering, Technology, Mathematics **2019 - 2021**
Baliuag University Gil Carlos St., Poblacion, Baliwag, Bulacan

- **With Honors**
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WORK EXPERIENCE

Software Engineer Intern, Hooli Software, Inc. **Mar 2025 - Jun 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.

Software QA Engineer Intern, Achieve without Borders, Inc. **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)
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SKILL SET / TECH STACK

- Programming Languages: Java, C#, PHP, Typescript, GO, Dart
- Libraries / Frameworks: ASP.NET, React.js, Next.js, Flutter, Tailwind
- Tools / Platforms: Git, Docker, Heroku, Vercel, Atlassian Jira, Postman
- Databases: MySQL, MSSQL, SQLite, PostgreSQL, Firebase Cloud
- API Architectures: REST, gRPC
- Software Design Principles: MVC, CLEAN Architecture, Layered Architecture

PROJECTS / OPEN SOURCE

RACS Cakes & Pastries Ordering System (Full stack developer)

Client- based Project

- 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)

School Project

- 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)

Client- based Project

- 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)

Capstone Project

- 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.