

Rhyen Jan O. Natividad

<https://github.com/RhyenSoftwareEngr>

📍 Baguio City, PH | ☎ +63 9667558210 | ✉ jannatividad1313@gmail.com

🌐 [linkedin.com/in/rhyen-jan-natividad-59557a227/](https://www.linkedin.com/in/rhyen-jan-natividad-59557a227/)

3rd Year Computer Science student with solid experience in front-end and back-end programming. Currently working as a volunteer Product Engineer at Kadakareer, developing and enhancing the Kada Platform using react and node.js. Actively devoted to innovation while maintaining a user-centric perspective, guaranteeing smooth communication with digital interfaces and emphasizing improving user experiences

TECHNICAL PROFILE

Languages: Python, C++, JavaScript, Java, Php

Full-Stack Web Development:

- **Frontend:** HTML, CSS, Less, Responsive Web Design, JavaScript
- **Version Control:** Git/GitHub
- **Libraries:** React, JQuery
- **Frameworks:** CodeIgniter, Bootstrap
- **Backend:** Database Design, SQL queries, MySQL, PHP, SQL Optimizations, Node Js
- **Software Engineering:** Object-Oriented Programming (OOP), Model-View-Controller(MVC), DRY
- **DevOps:** Docker, Containerization, Continuous Integration
- **Quality Assurance/ Testing:** Test-Driven Development (TDD), Functional Testing, Non-functional testing, GreyBox Testing, Postman, Jmeter, Selenium, Load testing, performance testing
- **Development Tools:** VS code, IntelliJ idea, Android Studio
- **Professional Conduct:** Corporate Ethics

Data Science & Big Data Analytics: Pandas, Numpy, Matplotlib, Tensorflow, PowerBI, Jupyter, Google Colab

PROJECTS

Second Place in a hackathon by Redesigning the website for CAIUO, an edtech startup

- Led the conceptualization and execution of the project
- Proposed and implemented a revenue generation strategy involving strategically placing ads on the website without compromising user experience.
- Collaborated closely with team members to coordinate tasks, prioritize objectives, and ensure timely delivery of the revamped website, showcasing effective teamwork and project management skills.

Repo/Demo: www.figma.com/proto/yFcacZwV7IdtEhDHIQcGxu/CAIUO-REDESIGNED-WEBSITE?kind=proto&node-id=29-1065&scaling=scale-down&show-prototype-side-bar=1&starting-point-node-id=29%3A1065

ACRESITE: A mobile application that lets local farmers have a direct-to-consumer transaction

- Conceptualized the idea and vision for the ACRESITE mobile application, identifying the need for a platform to facilitate direct-to-consumer transactions for local farmers and spearheading the project's conceptualization phase.
- Implemented the frontend user interface using XML in Android Studio, ensuring intuitive and user-friendly interactions for local farmers and consumers
- Utilized Java programming language to develop the backend logic and functionality of the ACRESITE mobile application, enabling seamless communication between farmers and consumers for direct-to-consumer transactions.

Repo/Demo: <https://github.com/RhyenSoftwareEngr/Acresite.git>

Rice Yield Prediction for Irrigated and Rainfed Palay in the Philippines

- Conducted data collection, comprehensive data analysis, data cleaning, and feature engineering on large-scale agricultural datasets using datasets in Philippine Statistic Authority and PAGASA

- Developed and fine-tuned machine learning models, leveraging techniques such as regression analysis and ensemble methods, to accurately predict rice yield for irrigated and rainfed palay cultivation in the Philippines.

Repo/Demo: www.canva.com/design/DAF-Xq8h-SY/OzflSqzUKvoxdaW-5a4ZVw/edit?utm_content=DAF-Xq8h-SY&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

OnlyIntern: A web application that allows students and facilitators to keep track of the student's internship status.

- Engineered and implemented secure user authentication functionalities, including login and registration processes, utilizing sessions and cookies for enhanced security and seamless user experience.
- Designed and implemented the database schema using MySQL
- Utilized various technologies such as html, css, javascript, vanilla Php, node js, mysql

Repo/Demo: <https://github.com/RhyenSoftwareEngr/OnlyIntern.git>

RailJapanX: Toursim Website

- Designed and developed the RailJapanX website using only vanilla HTML and CSS, ensuring a seamless and visually captivating user experience without the use of JavaScript.
- Ensured cross-browser compatibility and responsive design(media queries) implementation, optimizing the website for accessibility across various devices and screen sizes to reach a broader audience interested in experiencing Japan's unique offerings.

Repo/Demo: <https://gitlab.com/webdevwebsitegroup/webdev-website.git>

PaintedPieceOfHeaven: Bob Ross Gallery Website

- Engineered interactive functionalities and intuitive navigation features from scratch, leveraging pure JavaScript to ensure seamless browsing and effective showcasing of Bob Ross's artwork.
- Collaborated closely with a team of five developers to brainstorm ideas and share expertise in implementing the Bob Ross Gallery Website's design and functionality.

Repo/Demo: <https://rhyensftwareengr.github.io/PaintedPieceOfHeaven/>

WORK EXPERIENCE

SOFTWARE DEVELOPER INTERN

Sept 2022- Feb 2023

Teravision Corps

- Revamped and implemented new features in the Teravision website
- Integrated third-party libraries and frameworks like Bootstrap to enhance website functionality and design elements, ensuring a seamless user experience across different devices.
- Worked with various technologies such as Html, css, javascript, bootstrap, jquery mysql, php
- Collaborated effectively within a small team comprising 4-5 developers
- Received a Certificate of Leadership

TRAINING AND CERTIFICATION

Village88 Fullstack Web Development Training

January – March
2022

- Completed 110 assignments/Coding Activities, Quality Assurance, PHP, Web Development, Advanced Javascript track.
- Proficiently utilized tools including HTML, CSS, LESS, Responsive Web Design, Bootstrap, Git/Github, Javascript, jQuery, Database Design, SQL queries, MySQL, PHP, OOP, CodeIgniter, Docker, Containerization, Continuous Integrations, TDD, Selenium, Advance Git, SQL Optimizations, and Corporate Ethics.
- **Web Fundamentals passer** - Able to clone webpages using pure HTML & CSS under 4 4-hour limit.

VOLUNTEER EXPERIENCE

KadaKareer	Remote
Product Engineer	January 2024 –Present
<ul style="list-style-type: none">Enhanced flagship product Koach Konnector by integrating new features, addressing user feedback, and improving overall usabilitySpearheaded the redevelopment of KadaApp using React, introducing dynamic functionalities such as Booking Schedule Confirmation and Coach Favoriting, resulting in an enriched user experience.Collaborated closely with one developer to implement innovative features	

EDUCATION

SAINT LOUIS UNIVERSITY	Baguio, PH
Bachelor of Science in Computer Science	
Consistent Dean’s Lister	
CHED Merit Program Scholar	