

# Oliver Kean Palgue

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## Experience

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### Full Stack Developer Intern

April 2025 - June 2025

*City Government of Baguio - Smart City Command and Control Center*

*Baguio City, Benguet*

- Collaborated on the development of a real-time traffic monitoring system, using Laravel for the backend and Vue.js for the frontend.
- Integrated Mapbox to visualize live traffic data and road traffic conditions on an interactive map.
- Implemented Laravel Reverb (WebSockets) to support real-time across the system without page reloads.
- Designed and built a responsive, accessible user interface using Tailwind CSS, ensuring performance and usability across devices.
- Developed secure authentication flows, including email verification, login, and role-based access control to safeguard system access.
- Integrated RESTful APIs for structured communication between frontend components and backend services.
- Authored technical documentation, including system architecture diagrams, API specifications, and deployment procedures to support maintainability and knowledge transfer.
- Gained practical experience in Git-based version control, team-based collaboration, and deployment workflows.

### Computer Science Intern

Feb 2025 - April 2025

*Highly Succeed Inc.*

*Mandaluyong, Manila*

- Completed trainings in Quality Assurance and Graphic Design.
- Identified bugs and usability issues in pre-release apps, contributing to quality assurance and smooth feature rollouts.
- Communicated progress in team meetings, reinforcing collaboration and responsiveness in a fast-paced environment.

### Full Stack Developer – Thesis Project

Jan 2024 - Dec 2024

*University of Baguio*

*Baguio City, Benguet*

#### Project: Swapii – E-commerce Bartering Platform

- Developed a Laravel and Vue (Inertia.js) application for trading school items, tailored for students and instructors within the University.
- Designed a modern, responsive UI using Tailwind CSS, ensuring mobile-first compatibility.
- Integrated Pusher for notifications and chat messaging for real-time interactions.
- Developed a chat system supporting text, image, and video messaging.
- Implemented AWS Image Rekognition to implement image moderation during the posting of items, boosting platform safety and trust.

- Conducted a User Acceptance Test (UAT) with 90+ students, collecting insights for post-deployment.
- Managed version control with GitHub, following semantic commit standards and collaborative development workflows.
- Delivered three system documents, such as System Requirements Specification (SRS), System Design Document (SDD), and Test Case Document

## Full Stack Developer – Software Engineering Project

Aug 2023 - Jan 2024

*University of Baguio*

*Baguio City, Benguet*

### Project: Inventory System for Poultry Business

- Built an MIS inventory system for a local poultry business using Laravel Livewire, focusing on streamlined stock and sales tracking.
- Implemented a dashboard with analytics providing data for the inventory of products.
- Designed an easy-to-use system following a standard MIS design using Bootstrap.
- Conducted stakeholder interviews with the business owner to gather detailed system requirements and model real-world business processes.
- Implemented secure user registration with email verification and role-based access.
- Authored three technical documents, such as System Requirements Specification (SRS), System Design Document (SDD), and Test Case Document.

## Skills

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**Languages:** PHP, JavaScript, HTML, CSS

**Frameworks & Libraries:** Laravel, Vue.js, React.js

**Styling & UI Tools:** Tailwind CSS, Bootstrap, Figma

**DevOps & Version Control:** Git, GitHub, CI/CD (basic)

**Web & Cloud Technologies:** RESTful APIs, WebSockets (Laravel Reverb, Pusher), AWS Image Rekognition, Mapbox, Email (SMTP) Integration

**Project & Technical Documentation:** Documentation Writing (SRS, SDD, QA Test Plans), GitHub Semantics

**Databases:** MySQL, SQLite

**Soft Skills:** Problem-Solving, Attention to Detail, Collaboration, Communication, Adaptability, Creativity, Fast Learner, Resourcefulness, Willingness to Learn

## Education

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**University of Baguio**

June 2025

*Bachelor of Science in Computer Science*

*Baguio City, Benguet*

**Educare College Inc.**

April 2021

*Senior High School - ICT (Information and Communication Technology)*

*Baguio City, Benguet*

**Educare College Inc.**

April 2019

*Junior High School*

*Baguio City, Benguet*