

# KENT FRANCIS E. KALAW

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SOFTWARE DEVELOPER

<https://kentkalaw.vercel.app>

## PROFILE SUMMARY

Motivated IT student seeking to enhance my technical skills and gain hands-on experience in web development. Proficient in front-end, back-end, and database integration with a passion for creating functional, user-friendly, and visually appealing websites. Eager to contribute to team projects while developing my expertise in real-world applications.

## PROFESSIONAL EXPERIENCE

**University of Batangas**  
- ITC Department

January - May 2025

### Frontend Developer - Internship

Designed and developed multiple responsive front-end web projects using modern tools such as Next.JS, and Tailwind. Collaborated with Collaborated with co-interns to deliver high-quality projects.

**University of Batangas**  
- Student Affairs and  
External Programs

April - December 2024

### Capstone/Thesis

Alumnite: Leveraging Responsive Web Development for Enhancing Alumni Engagement and Reinforcing Core Values is a capstone/thesis web system developed for the University of Batangas' Student Affairs and External Programs (SAEP).

## EDUCATION

University of Batangas  
- Batangas Campus

### Bachelor of Science in Information Technology

2021 - Present

University of Batangas  
- Batangas Campus

### Junior High School - Senior High School

2015 - 2021

## CERTIFICATIONS

### CompTIA IT Fundamentals (ITF+ ) Certification Passer

CompTIA

May 2025

### AWS Academy Cloud Formation Certification

AWS Academy

December 2024

### Cybersecurity Essentials Certification

CISCO NETWORKING ACADEMY

May 2024

## TECHNICAL SKILLS

Frontend Development, Backend Development  
Database Management, Web Development,  
API Integrations, Version Control

## SOFT SKILLS

Management Skills, Time Management  
Critical Thinking, Team Collaborator  
Good communicator, Works well under pressure

## PROJECTS

### Personal Project

December – January 2026

### Pixelria – A Pixel Sketch Application

A simple web application developed for sketching pixel arts canvas:

- Grid state management with color, inked status, and shade tracking
- Mouse drag drawing with continuous stroke support
- Flood fill algorithm for color fill tool
- Color adjustment for shading and lightening effects
- Background color inheritance for non-inked pixels

### University of Batangas

January – May 2025

### University of Batangas – Internal Quality Assurance Office Auditing System

A web system developed for the University of Batangas' Institutional Quality Assurance Office (IQAO):

- Digitized the traditional Paper-based Internal Audit Process
- Streamlined data collection and centralized document submission.
- Minimized human errors with integrated validation.

### University of Batangas

April – December 2024

### University of Batangas – CICT Days Registration System

This registration system was developed for use during the event CICT Days of the UB College of Information and Communications Technology. It was designed to facilitate student registration for the IT Congress 2025 Seminar.

- Barcode reader registration.
- Access to student database (removed for this archive)
- Lottery for registered students.
- Live reactions page.
- Admin dashboard for management of registrations and lottery winners.