

# Kyle Joseph Andes

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## Education

### STI College Ortigas-Cainta

Bachelor of Science in Computer Science

Aug 2022 - Jul 2026

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## Experience

### Ziff Digital

Software Developer

2025

- Built and launched a fully CMS-driven corporate website from scratch, enabling marketing teams to manage content independently and reducing update turnaround time by **~80%** through structured schemas and workflows in Sanity CMS with React/Next.js.
- Improved site performance, SEO, and long-term maintainability by implementing static generation, optimized media handling, and reusable component architecture, achieving **~30–40%** faster load times and **~25%** faster feature delivery.

### Ayahtek

Full-Stack Web Developer Intern (Voluntary)

Sept 2024 - March 2025

- Selected for a high-priority CMS initiative after top onboarding performance, and improved page rendering speed by **~25–35%** by implementing optimized server-side rendering and reusable component architecture in Next.js.
  - Delivered a production-ready **Human Resource Management System (HRMS)** by designing and developing core modules (employee profiles, leave tracking, role-based access) through **React and Laravel**, reducing manual HR processing time by **~40%** and improving data accuracy and accessibility.
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## Projects

### SmartStudy — AI-Powered Learning Assistant

Next.js, Python, NLP, MongoDB, REST API

- Developed an AI-driven learning assistant that generates quizzes, explanations, and personalized study paths using OpenAI-powered NLP models.
- **Recognition:** Top 20 finalist at AppCon 2024 (178 teams).

### IntentOS — Habit Stacking & Productivity App

Windows Desktop, Automation, UI | **GitHub:** <https://github.com/Kands221/intentos>

- Developed a customizable Windows productivity application that automates habit stacking and reminders through a lightweight pop-up interface, replacing rigid AutoHotkey workflows with a frictionless, user-friendly system for intentional daily routines.
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## Hackathons

### UMak 14th IT Skills Olympics

Python Competitive Programming

- Reached Finalist (Top 20) ranking in the Python category.

### BasaBuddy — Reading Guide

National Book Development Board — Philippines

- Finalist and minor prize winner out of 50+ teams

### SmartStudy — AI-Powered Learning Assistant

AppCon 2024

- Secured a spot in the top 20 out of 178 teams, recognized for innovation and impact.

## Volunteering

### Website Contributor - PyCon APAC Volunteer

2025

- Aided in developing the official PyCon Philippines 2025 website, collaborating with organizers and developers to ensure timely deployment and alignment with event goals.
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## Certifications

### IBM Full Stack Software Developer Specialization

Issued by IBM via [Coursera](#)

- Covered front-end and back-end technologies including HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, and Cloud deployment on IBM Cloud.
  - Completed hands-on projects simulating real-world software development tasks.
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## Skills

**Frontend:** React, Next.js, TypeScript, Tailwind

**Backend:** Node.js, Express, Laravel, REST APIs, Django, Flask

**Mobile:** React Native, Expo

**Database:** MySQL, MongoDB

**Tools:** Git, Docker, Postman, Firebase, Vercel

**AI:** NLP, OpenAI API, Google Gemini AI

**Other:** Python