

Alexander Isaac P. Platon

platon.alexanderip@gmail.com • 09603814668 • [Alexander Isaac Platon | LinkedIn](#)

Profile Summary

- Experienced IT Professional with a strong background in web development, and full-stack projects.
- Skilled in troubleshooting, optimizing systems, and delivering efficient solutions through collaborative teamwork
- Eager to apply technical skills in programming language, web development, and database management to deliver scalable, and high-quality solutions in a team environment.

Experiences

Shelley Whitman Associates – WordPress Web Developer Intern

February 2025 – May 2025

Collaborated with Designers, Developers, and Copywriters to implement and design web contents. Developed subpages using WordPress using the Elementor plugin to enhance website functionality.

Student Research Competition

May 2025

Participated in a Student Research Competition

Projects and Accomplishments

TaAlert: IoT Air Quality Monitoring

JavaScript, React.js, ThingSpeak API, Arduino, IoT Sensors

- Developed an end-to-end IoT solution using PMS5003 and TGS2602 sensors to monitor air quality
- Building a real-time analytics dashboard ThingSpeak integrated with React.js for data visualization
- Implemented threshold-based alert notification systems for hazardous air conditions

Heat Index Detection System

C++, Python, Arduino, IoT, Wireless Protocols

- Designed a portable heat monitoring device using temperature/humidity sensors
- Programmed real-time heat index calculations with Arduino (C++) and Python
- Implemented threshold-based alert system for dangerous heat levels

Coffee Shop E-Commerce Platform

React.js, Node.js, Express.js, MongoDB, Stripe API

- Developed a full-stack ordering system using React.js and Node.js/Express.js
- Managed database operations with MongoDB and implemented user authentication
- Integrated Stripe API for secure payment processing
- Added a product recommendation algorithm aligned with Health Benefits

Historiko: Social Studies LMS

React.js, Supabase, JavaScript

- Built an interactive learning management system platform with React.js
- Leveraged Supabase for backend services
- Created gamified quizzes, flashcards, and progress tracking features
- Optimized UI/UX for cross-device compatibility

Educational Background

First Asia Institute of Technology and Humanities (FAITH)

Tanauan City, Batangas

Bachelor of Science in Information Technology

August 2021-2025

Certifications

DEAN’S LISTER

- Dean’s Lister at the academic year 2023 - 2024 (2nd Sem)
- Dean’s Lister at the academic year 2024 - 2025 (1st Sem)

COMPTIA ITF+ Certified

May 2024

GOOGLE ADS AI POWERED PERFORMANCE

May 2025

Skills and Abilities

Soft Skills: Team Collaboration, Ability to Adapt, Problem Solving

Hard Skills:

- **Programming:** JavaScript, C++
- **Web Development:** Frontend (React.js, HTML/CSS), Backend (Node.js, Express.js, Laravel)
- **Databases:** SQL (MySQL, SQL Server), NoSQL (MongoDB, Supabase)
- **Development Tools:** Git/GitHub, Debugging, Data Structures & Algorithms