

Owel T. Valle

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PROFILE SUMMARY

- IT professional experienced in web development, technical support, and IoT-based solutions.
- Skilled in troubleshooting, network maintenance, and building web applications using modern frameworks.
- Passionate about creating reliable and user-friendly solutions that improve system efficiency and user experience.

EXPERIENCES

MIS TECH — School Technical Support

2023 – 2025

- Provided IT support to faculty and students, including hardware and software troubleshooting.
- Assisted in setting up and maintaining campus-wide technical systems and internet infrastructure.
- Conducted training for peers on basic computer operations and network issues.

FAITH — Front-End Developer (On-the-Job Trainee)

January - May 2025

- Developed web projects using React.js and TailwindCSS.
- Supported in creating responsive and modern UI components.

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

- Built a web-based air quality monitoring system using IoT sensors.
- Integrated real-time data visualization and alert notifications for hazardous air conditions.

Coffee Shop E-Commerce Platform

React.js, Node.js/Express.js, MongoDB

- Developed a full-stack ordering system with payment gateway integration.
- Managed user authentication and database operations.

Heat Index Real-Time Detector

Arduino IDE, Arduino Modules

- Developed a real-time heat detector for heat index monitoring using temperature and humidity sensors.
- Programmed threshold-based alerts to indicate dangerous heat levels.

EDUCATIONAL BACKGROUND

First Asia Institute of Technology and Humanities (FAITH)

Bachelor of Science in Information Technology

August 2021 – 2025

SKILLS AND ABILITIES

Soft Skills: Team Collaboration, Problem Solving, Adaptability

Hard Skills:

- Web Development: React.js, TailwindCSS, HTML, CSS,
- Database: Basic Mysql
- Network: Troubleshooting and Infrastructure Setup
- Tools: Git/GitHub, Debugging, Basic UI/UX Design