

KURT DYLAN R. VIRAY

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EDUCATION

PANGASINAN STATE UNIVERSITY

Lingayen, Pangasinan

BS Information Technology

2026

Major in Mobile and Web Development

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Web & Mobile Development

WORK EXPERIENCE

Human Resource Management Office

Lingayen, Pangasinan

IT Support – Student Intern

Feb 2026 – May 2026

- Assisted in office system operations, employee record management, document processing, troubleshooting technical issues, and providing technical support for daily administrative tasks. Helped organize files, manage DTR records, and maintain accurate office data handling.

Rural Health Unit

- Assisted in organizing and encoding health-related records while supporting administrative workflows and data management processes. Helped troubleshoot minor technical issues, maintain accurate documentation, and ensure proper handling of digital and physical records.

Public Assistance and Complaints Desk

- Assisted clients with inquiries and concerns, provided accurate service information, maintained records, and coordinated with relevant offices to ensure efficient customer service.

PROJECTS

VarexAI (Web Application)

2026

- Developed an AI-powered desktop assistant inspired by Iron Man's J.A.R.V.I.S., featuring real-time conversational AI and voice interaction.
- Built streaming AI responses, speech recognition, speech synthesis, syntax-highlighted code blocks, and secure owner-only local system commands.
- Developed using Next.js, TypeScript, Tailwind CSS, and OpenRouter API with a responsive and scalable architecture.

Motus – Friendly Habit Tracker (Web Application)

2026

- Developed a modern web-based habit tracking application for building consistent daily routines.
- Built one-tap habit check-ins, real-time streak tracking, progress analytics, live community stats, and PWA support.
- Implemented secure authentication, Row Level Security (RLS), responsive design, and real-time data synchronization.
- Developed using Next.js, TypeScript, Tailwind CSS, Supabase, PostgreSQL, and PWA technologies.

CERTIFICATIONS

- Responsive Web Design, JavaScript Algorithms and Data Structures
- Front End Development Libraries and Data Visualization
- Introduction to Cybersecurity
- Generative AI

ADDITIONAL

Technical Skills: Proficient in JavaScript/TypeScript, React, Node.js, Prisma, PostgreSQL, Supabase, MongoDB, and HTML/CSS, with working knowledge of Python, Git, and Docker. Experienced in developing responsive web applications with authentication, REST API integration, Row-Level Security (RLS), database management, and modern UI/UX practices. Skilled in using AI tools such as ChatGPT, Claude, and GitHub Copilot for code generation, debugging, testing, and optimization. Committed to building scalable, secure, and maintainable software solutions.