



PHY VATHANAK

WEB DEVELOPER INTERN

About Me

I am a passionate web developer who enjoys turning ideas into technical solutions. I work well in a team and take ownership of my work. I stay patient while debugging, learn from mistakes to strengthen my technical skills, and enjoy helping teammates, sharing knowledge, and continuously learning.

Education Background

Bachelor's Degree of Computer Science

Cambodia Academy of Digital Technology

2024 - Present

Volunteer Experience

Next-Gen Engagement Program

Aug- Sep, 2025

Volunteered as a trainer, where I taught C++ algorithms to Year 1 students and collaborated with a team to build a quiz platform project.

Khoding Hero

Aug- Sep, 2024

Educated secondary school students on fundamental ICT and coding skills using Scratch in Siem Reap province.

Academic Project

Domrov Lms-Automation

- Built RESTful APIs using NestJS to manage classes, assignments, and authentication with JWT
- Used Python for file processing and interaction with LLMs to evaluate student assignments
- Implemented Redis caching and managed automated background jobs via a task queue
- Participated in the deployment of the application

Multiplayer Quiz Platform

- Built real-time gameplay using Express.js and WebSockets
- Analyzed and implemented MongoDB database schema
- Ensured reliable and smooth gameplay

Online Marketplace

- Analyzed and implemented the MySQL database schema
- Developed RESTful APIs using Express.js
- Integrated Bakong payment gateway, Telegram Bot, and third-party services
- Integrated the frontend with the backend & developed a responsive and user-friendly frontend

My Contact

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Coding Skills

Languages: Python, JavaScript, TypeScript, Java

Frameworks: NestJS, Express.js, React.js, Tailwind CSS

Databases: MySQL, MongoDB

Tools: Git, Docker

Languages

Khmer: Native

English: Intermediate