

# Thanapat Koedpiam

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## EDUCATION

### King Mongkut's Institute of Technology Ladkrabang

Bangkok, Thailand, 2022–Present

Bachelor of Science in Computer Science GPA 3.22/4

## EXPERIENCE

### Self-Employed / Backend Developer

Pathum Thani, Thailand, 2020-2024

Developed and maintained backend systems for a Roblox game with over 62.3M+ visits, including database architecture and internal APIs.

Responsible for server-side logic, gameplay systems, and performance optimization. Used Luau to build in-game systems and core server logic, and leveraged NestJS to develop internal APIs and related external services.

## SKILLS

### Programming Language

TypeScript  
JavaScript  
Java  
Python  
Luau  
SQL

### Frontend

React  
NextJs  
TailwindCSS

### Backend

NestJS  
FastAPI  
BunJs

### Databases

PostgreSQL  
MongoDB  
Redis  
Supabase  
Prisma

### Tools

Docker  
Git  
Linux  
Postman  
Swagger

## SELECTED PROJECTS

### Science Faculty Maintenance System / Backend Developer

Science Fixit Backend is a maintenance management system for the Faculty of Science at King Mongkut's Institute of Technology Ladkrabang (KMITL). It allows users to report equipment repairs, track request statuses, and efficiently manage user roles.

### Xviper Robux Bot / Fullstack Developer

A Discord bot for selling Robux on Roblox, featuring automated payments via Truwallet Voucher and Thai bank transfers. The system handles credit management with automatic Robux delivery through group funds and includes admin tools for rate adjustments.

### Bank Manager API / Backend Developer

A RESTful API system for managing banking operations, including account management and transactions. The system features comprehensive documentation and supports generating transaction receipt images for verification purposes.

### Thanapat-KP Portfolio Web / Fullstack Developer

A modern personal portfolio built with Next.js, React and Tailwind CSS. Features responsive design, categorized skills visualization, and professional experience showcase. Optimized with Bun runtime for performance and Dockerized for seamless deployment.

## ACHIEVEMENTS

**Code Arcade 2023, KMITL** – 2nd place in a department-level problem-solving coding competition.

**SQL Database Certification, KMITL** – Achieved a high score in the SQL Exit Exam.