KARL L DARNAYLA

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PROFESSIONAL SUMMARY

Recent BS Information Technology graduate with comprehensive experience in full-stack web development and game server scripting. Proven track record of delivering innovative projects including AI-powered wildlife reporting platforms, inventory management systems, and transportation booking solutions. Strong foundation in React, TypeScript, PHP, Python, and modern web technologies. Ranked 3rd in graduating class with multiple academic excellence awards and industry certifications.

EXPERIENCE

Game Developer — FiveM Servers (GTA V)

2023 – 2025

- Successfully launched and maintained 15+ FiveM roleplay servers with custom scripting and gameplay systems
- Developed custom Lua scripts for enhanced player experience, server stability, and unique gameplay mechanics
- Collaborated with community moderators and contributors to optimize server performance and user engagement
- Implemented automated systems for player management, economy balancing, and anti-cheat measures

PROJECTS

WildAlert — Wildlife Reporting Platform

Capstone Project • PHP, JavaScript, Python Flask, MySQL, Chart.js, Google AI

- Developed AI-powered wildlife species identification system using Google AI integration
- Built comprehensive admin console for report verification and educational resource management
- Implemented data visualization dashboard with Chart.js for wildlife sighting analytics

Coffee Inventory Management System

Web Development • React, TypeScript, TailwindCSS, Vite, Chart.js

- Created comprehensive inventory dashboard for coffee shop operations and sales tracking
- Implemented automated low-stock alerts and sales reporting with interactive charts
- Built responsive UI with modern design patterns and real-time data updates

CapstoneGen — Project Ideas Generator

Web Development • Next.js, TypeScript, TailwindCSS

- Developed smart project idea generator with filtering system and community statistics
- Built modern UI with implementation guidance and tailored project recommendations
- Deployed on Vercel with optimized performance and SEO

Dimple Star Transport — Bus Booking System

Web Development • PHP, MySQL, HTML5, CSS3, JavaScript, jQuery, Railway

- Digital transformation of traditional bus booking for Metro Manila-Mindoro routes

- Implemented online ticket management, route scheduling, and payment processing
- Deployed on Railway platform with MySQL database integration

Student Portal — School Management System

Personal Project • **React, TypeScript, TailwindCSS, shadcn/ui, Express.js, MySQL**

- Built comprehensive educational platform with dashboard, course management, and admin controls
- Implemented real-time notifications, calendar system, and announcement management
- Developed secure authentication system with Firebase integration and protected routes

EDUCATION

Our Lady of Fatima University

Bachelor of Science in Information Technology

Graduated 2025 • Ranked 3rd in Class

Academic Achievements:

- Best in Capstone Project
- Best in Practicum
- Best Website UI Design Award
- Excellence in BS Information Technology
- Academic Distinction

SKILLS

Frontend Development

React, Next.js, TypeScript, JavaScript, HTML5, CSS3, TailwindCSS, Bootstrap

Backend & Frameworks

PHP, Laravel, Python, Django, Flask, Node.js, MySQL, MongoDB

Tools & Technologies

Git/GitHub, Vite, Chart.js, jQuery, Composer, PHPMailer, Railway, Vercel

Game Development

FiveM Scripting, Lua, GTA V Modding, Server Administration

CERTIFICATIONS & ACHIEVEMENTS

Industry Certifications:

- HackerRank: Frontend Developer (React), React (Basic), JavaScript (Basic & Intermediate)
- Cisco NetAcad: Network Essential, Network Defense, Networking Devices, Ethical Hacker, Endpoint Security

Academic Recognition:

- Ranked 3rd in AITE Batch 2024
- Best in Capstone Project

- Best in Practicum
- Best Website UI Design Award
- Excellence in BS Information Technology
- Academic Distinction