

Jan Vincent Oclarit

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EDUCATION

UNIVERSITY OF MINDANAO

Bachelor of Science in Computer Science

Davao City, Philippines
May 2026

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Web Development, Software Engineering, Introduction to Cybersecurity, Introduction to AI

SKILLS

Programming Languages: JavaScript (Proficient), TypeScript (Intermediate), Python (Proficient), PHP (Intermediate), SQL (Intermediate)

Frontend Development: React.js, Vue.js, HTML5, CSS3, Tailwind CSS, Responsive Design

Backend Development: Node.js, Express, FastAPI (Python), Laravel (PHP), RESTful APIs

Databases & Tools: MongoDB, MySQL, Git, GitHub, Vercel, Firebase, VS Code, Postman, Web3Form

PROJECTS

Interactive 3D Portfolio

Three.js, WebGL, GSAP, HTML5, CSS3, JavaScript, Cloudflare Pages | 2026

- Developed a responsive creative portfolio featuring an interactive, cursor-responsive WebGL/Three.js particle field.
- Implemented fluid, responsive scroll-jacking and custom page wipe transitions using GSAP.
- Hosted and deployed the high-performance static site on Cloudflare Pages for seamless access.

PhishShield

Python, Scikit-learn, SHAP, React.js, Cloudflare Pages | 2026

- Trained a machine learning classification model using Scikit-learn to analyze and identify phishing URLs.
- Implemented SHAP (Explainable AI) to visualize and explain feature weightings in URL scoring.
- Developed a React.js interface to display risk breakdowns and deployed the app on Cloudflare Pages.

BillEase Utility System

Python, Tkinter | 2025

- Developed a comprehensive billing system with automated calculations.
- Implemented customer registration system with receipt generation.
- Built real-time balance updates and user-friendly GUI interface.

Python Inventory Management System

Python | 2025

- Implemented item tracking and price management system.
- Created user-friendly interface for inventory operations.
- Developed data persistence for inventory records.

Laravel RM Woodworks

Laravel, PHP, MySQL | 2025

- Developed backend API endpoints using the Laravel MVC pattern.
- Set up database migrations and models for inventory items.
- Rendered pages using Laravel Blade templates.
- Configured simple routing for page navigation.

CERTIFICATIONS

IT Specialist

Databases - Issued by Certiport

Verified foundational knowledge in database design, query execution, and database administration.

IT Specialist

Cybersecurity - Issued by Certiport

Verified understanding of security principles, network protection, vulnerability defense, and secure operations.