

NATHANIEL SETH DE LEON

nathanielseth.dev@gmail.com | github.com/nathanielseth | linkedin.com/in/nathanielseth

SKILLS

Languages: JavaScript, TypeScript, C#, HTML, CSS

Frontend: React, Vite, Tailwind CSS

Backend: Node.js, Express.js, ASP.NET, Supabase, PostgreSQL

Tools: Git, Postman, Figma, NPM

EXPERIENCE

Software Developer Intern

Jul 2025 – Sep 2025

VioTech IT Solutions

- Translated Figma designs into functional user interfaces, ensuring the final implementation matched the design specifications
- Developed backend payroll services in C# ASP.NET, processing employee attendance records and generating pay period summaries
- Refactored direct database queries into a structured data access layer, reducing code duplication and making the codebase easier to maintain

PROJECTS

Classly

React, Tailwind CSS, Groq, Supabase

- Developed an AI-powered learning management system as university thesis project
- Integrated LLMs with Groq to generate quizzes, flashcards, and study materials
- Implemented role-based access control to secure sensitive data across student, instructor, and admin workflows

VibeChess

React, Material UI, Node.js, Express.js, Socket.io

- Developed a chess web application with real-time multiplayer and chat functionality
- Integrated Stockfish engine for move validation, AI opponents, and position analysis
- Implemented chess game logic including time controls, move history, and state management

Neticents

React, JavaScript, Tailwind CSS

- Developed a real-time Philippine income tax calculator computing net take-home pay
- Translated Philippine tax regulations into precise calculation algorithms
- Built responsive UI that automatically computes taxes in real time as users input data

EDUCATION

Bachelor of Science in Computer Science

Aug 2022 – Present

Cavite State University