

# NATHANIEL SETH DE LEON

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## SKILLS

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**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

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### 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

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### 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

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### Bachelor of Science in Computer Science

Aug 2022 – Present

*Cavite State University*