Joshua Miguel R. Tuan

Portfolio website • LinkedIn • Github

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Education

FEU Institute of Technology (Sampaloc, Manila)

BS in Computer Science with Specialization in Software Engineering (2019 – 2024)
Achievement: Academic scholar

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, Solidity
Frontend: React, Next.js, Tailwind, Redux, React Query, Context API, Next Auth, Sass, Jest
Backend & Databases: Node.js, Express.js, Supabase, MongoDB, PHP
Tools & Deployment: VS Code, Git, NPM, Vite, Vercel

Experience

Calcmenu Philippines (Ortigas, Pasig City)

Python Developer Intern (January 2024 – April 2024)

- Created AI projects with wrapped OpenAI (Image generation, Document Parser with user-defined tasks)
- Database storage and retrieval
- Implemented Prompt Engineering techniques
- API development Using Flask and Postman and deployment on Microsoft IIS

Calcmenu Philippines (Ortigas, Pasig City)

Quality Assurance Intern (May 2023 – August 2023)

- Conducted regression, localization and functionality testing
- Documented detailed test cases

Personal Projects

The Wild Oasis

Tech stack: TypeScript, Next.js, Supabase, NextAuth, Tailwind CSS

- Full-stack e-commerce web app cabin reservations
- User authentication with NextAuth
- CRUD functionality for managing reservations

Quizzy

Tech stack: React, TypeScript, Tailwind CSS, Vite

- Quiz web app using Trivia API to dynamically fetch unique questions from different categories
- Implemented a responsive dark mode using Tailwind CSS

Popcan

Tech stack: React, Supabase, React Query, Supabase, Tailwind CSS, Vite

- Movie rating web app with search functionality
- Allows users to rate, save, and view personalized movie ratings
- User authentication and data storage

Thesis Project – Crypto currency price forecast and analysis using Machine learning

Tech stack: Python, Jupyter Notebook, Pandas, Plotly

- Analyzes historical price data to generate price forecasts
- Visualizes trends and projections using interactive plotly chart