

## Joshua Miguel Tuan

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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

**Frameworks / Libraries:** React, Next.js, Tailwind, Redux, React Query, Context API, Next Auth

**Tools / Services:** VS Code, Git, NPM, Vite, Supabase, 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 and deployment on Microsoft IIS Using Flask and Postman

#### Calcmenu Philippines

Ortigas, Pasig City

#### Quality Assurance Intern

May 2023 – August 2023

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

### Personal Projects

#### The Wild Oasis ([github.com/joshuatuan/WildO](https://github.com/joshuatuan/WildO))

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

#### Popcan ([github.com/joshuatuan/popcan](https://github.com/joshuatuan/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

#### Portfolio Website ([github.com/joshuatuan/portfolio](https://github.com/joshuatuan/portfolio))

Tech stack: TypeScript, Next.js, Tailwind CSS

- A portfolio website to showcase various projects and demonstrate technical skills

#### 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

### Certifications

MTA: Introduction to Programming Using Java - Microsoft® (2021)

IT Specialist Python® – Certiport (2021)

CCNA: Introduction to Networks – Cisco® (2022)

DevNet Associate – Cisco® (2022)