

# Kyaw Zin Thiha

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## Skills

- JavaScript | TypeScript | Node.js | React.js | Next.js | Express.js | Nest.js | Firebase | PHP Laravel
- MongoDB | PostgreSQL | MySQL | Prisma.io
- AWS | CloudFlare | OpenAI GPT
- Microservice | Distributed System | FullStack | OOP | Unit Testing | Payment Processing | Figma

## Experience

**Software Engineer - TypeScript FullStack Web Development** - [Freelance](#) 06/2022 - Present

- Architected and implemented diverse web applications for personal and professional use with Next.js, Nest.js, and MongoDB, featuring ['scalable architectures', 'user-centric designs', or 'real-time data processing'].
- Engineered advanced recommendation systems with OpenAI GPT models, achieving personalized user experiences and lists.
- Mastered AWS and CloudFlare for robust cloud solutions in freelance projects.

**Web Developer - Job Management and Quotation System** - [T.K. Graphics](#) 06/2022 - Present

- Designed and executed scalable APIs and backend processes in PHP Laravel and React, ensuring high accuracy through test-driven development to increase workflow efficiency within the quotation system.
- Led the streamlined design and development of MongoDB-based databases, ensuring robust and efficient data management.
- Enhanced and streamlined a legacy Laravel codebase, significantly improving performance and code clarity.

**Software Engineer - Events, Tickets and Payment Management** - [CampusLyfe](#) 03/2023 -12/2023

- Launched CampusLyfe's enterprise platform using Next.js, Nest.js, and PostgreSQL, achieving a robust, scalable, and user-friendly application.
- Pioneered the integration of Stripe payment and webhooks for secure and efficient handling of customer orders, leading to enhanced customer satisfaction.
- Structured a secure and efficient database using PostgreSQL, focusing on optimal data integrity and accessibility.

## Projects

**Email Magic Link Authentication System - Next.js, Nest.js MongoDB** - [GitHub](#)

- Launched both password-based and passwordless authentication using magic-link, for user convenience and security.
- Crafted a robust API for secure authentication and authorization using MongoDB and NestJS.

**E-Commerce - Next.js, Nest.js, Stripe, SendGrid** - [GitHub](#)

- Implemented Stripe for secure payment processing and webhook integration.
- Conceived a scalable and reliable webhook infrastructure using Nest.js.

**Personalised Recommendation system - Next.js, Nest.js, OpenAI GPT** - [GitHub](#)

- Crafted the best-personalised recommendation system built with users' preferences using the OpenAI GPT.
- Build a minimalist and easy-to-use testing website with Next.js

## Education

**BSc. (Hons) Computer Science** - **University of Portsmouth** - Portsmouth, England 08/2022 - 05/2023

- Led multiple group projects and directed participation in coding competitions, enhancing leadership and team management skills.

**HND in Computing** - **Gusto University** - Yangon, Myanmar 06/2019 - 02/2022

- Presented research on AI and GPT machine learning, receiving high approval from students and lecturers.