Kaung Myat Soe

Full-Stack Developer | React, Next.js, TypeScript, Node.js | AI/ML

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Summary

Full-Stack Developer with hands-on experience building web applications in React, Next.js, TypeScript and Node.js, and 50+ production websites on WordPress, Elementor and Shopify. Wrote custom WordPress plugins used on 50+ client sites and built Artificial Intelligence (AI) automation for internal business workflows. Bachelor of Computer Science (Big Data) with Machine Learning (ML) project experience in TensorFlow, PyTorch, computer vision and Natural Language Processing (NLP), plus a Large Language Model (LLM) chat assistant in production.

Work Experience

Web Developer | OOm Pte. Ltd. (digital marketing agency), Singapore | Mar 2026 – Present

- Developed and launched 50+ information and e-commerce websites on WordPress, Elementor and Shopify, from requirements to production deployment.
- Built custom WordPress plugins (PHP, JavaScript) now running on 50+ client websites.
- Built AI automation for the agency's internal workflows.
- Delivered responsive, SEO-friendly (Search Engine Optimization) websites for clients across industries.

Freelance Web Developer | Self-employed, Singapore | May 2025 – Feb 2026 (10 months)

- Designed, built and deployed websites and web applications for clients end to end: requirements, User Interface (UI) design, development, deployment and support.

Projects

Interactive 3D Portfolio with AI Assistant | Next.js, TypeScript, three.js, WebGL, Cloudflare Workers, GitHub Actions | 2026 | k-the.dev

- Built a 3D portfolio with custom WebGL shaders and automatic performance scaling for low-end devices.
- Built an LLM chat assistant on Cloudflare Workers AI using prompt engineering, page context, rate limiting and spam filtering.
- Added a serverless contact API (SMTP, reCAPTCHA v3), webcam hand-gesture control (MediaPipe) and Continuous Integration/Continuous Deployment (CI/CD) with GitHub Actions.

ShopShop: E-commerce Web Application | MongoDB, Express, React, Node.js (MERN), Cloudinary | 2025

- Built a full-stack online store with cart, checkout, order tracking, and user and admin dashboards; authentication with JWT and Google OAuth; REST API backend.

KotobaLab: Language Learning App | Next.js, TypeScript, Firebase | 2025

- Built a Japanese vocabulary trainer with lessons, quizzes and audio, using Firebase Authentication and Realtime Database.

PeakFit: Fitness Mobile App (final-year project, team of 5) | React Native, TypeScript, Firebase | 2024

- Developed a cross-platform mobile app with workout plans, progress tracking and challenges, plus an admin dashboard.

EmoFace: Facial Emotion Recognition (team of 5) | Python, TensorFlow, PyTorch, OpenCV | 2024

- Trained a deep learning model to classify emotions from faces using computer vision.

Machine Learning Projects | Python, TensorFlow, PyTorch, DistilBERT, Flask, OpenCV | 2024

- Face recognition with transfer learning (VGG); sentiment analysis by fine-tuning DistilBERT, deployed with Flask; vehicle detection comparing classical computer vision with pre-trained deep learning models.

Myanglish Translator | React, Tailwind CSS | 2025

- Built a web app that converts romanised Burmese into Burmese script in real time.

Skills

Programming Languages: JavaScript, TypeScript, Python, PHP, Java, HTML, CSS, SQL

Frontend: React, Next.js, React Native, Tailwind CSS, three.js, WebGL, responsive design

Backend: Node.js, Express, REST APIs, serverless (Cloudflare Workers), authentication (JWT, OAuth)

Databases and Cloud: MongoDB, PostgreSQL, Firebase, Cloudinary, Google Cloud, Vercel, Railway

AI and Machine Learning: TensorFlow, PyTorch, deep learning, computer vision, NLP, transfer learning, DistilBERT, LLMs, prompt engineering, NumPy, Pandas

CMS and E-commerce: WordPress, custom plugin development, Elementor, Shopify

Tools: Git, GitHub, GitHub Actions (CI/CD), Figma, Jupyter, Google Colab

Education

Bachelor of Computer Science (Big Data) | University of Wollongong, Australia | Graduated Mar 2025

Diploma in Information Technology | Singapore Institute of Management | Graduated Apr 2023

Languages

English (professional), Burmese (native)