

# Kaung Htet Mon(Ryan Hui)

Software Engineer

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## WORK EXPERIENCE (3+ years)

### Software Engineer | CRAFT MILES(Airitech.Inc) (2024-Present)

- Developed cloud-native backend and platform services using **Go**, including a **Kubernetes Custom Operator**, for an enterprise cloud platform (Japanese cloud/hosting provider, via SES contract).
  - Kubernetes Custom Operator (Go, Kubebuilder)** – Built core controller logic for a production operator on a self-managed Rancher/Fleet cluster: reconciliation loops, finalizer lifecycle management, conditions-based status, and runtime optimizations (custom predicates, exponential backoff).
  - RESTful Backend Services (Go, Echo)** – Developed REST APIs handling business logic and PostgreSQL operations.
  - Production Operations & CI/CD** – Operated Kubernetes workloads in production, maintained GitHub Actions pipelines, and managed Docker image builds and registry deployments in a live Rancher/Fleet environment.
- Contributed to backend development for an internal in-house project using **Node.js** and **Laravel**, maintaining and extending a **PHP (Laravel) service**, the primary Node.js service, and the **Angular** frontend.
- Migrated deployment from manual releases to **AWS CI/CD (CodeCommit, CodeBuild, CodePipeline, CodeDeploy)**, cutting deployment time from 30–45 min to 5–10 min; configured AWS infrastructure (**EC2 Auto Scaling, Load Balancer, Route 53, CloudFront**) and **Nginx** reverse proxy/routing.
- Implemented CI/CD workflows and managed deployments using **AWS, Docker, Kubernetes and Nginx**.
- Collaborated with team members to troubleshoot production issues and improve system reliability.

### Freelance Developer (2023 - Present)

- Developed two web applications and one React Native mobile application for clients. (React, Next.js, TypeScript)
- The Whisky Distillery – 2023 (thewhiskystillery.com)**: Contributed to frontend development and API integration using Next.js and TypeORM, using Tailwind CSS and TypeScript across both frontend and backend.

## EDUCATION

**Diploma in Computing** (level-4(all distinctions),level-5(5 distinctions)) | NCC Education | 2023-2025

**Bachelor of Computing** (First-class honors) | University of Greenwich | 2025-June 2026

## TECHNICAL SKILLS([View my certificates](#))

**Programming Languages:** Golang, Typescript, Javascript, Python(Familiar), PHP(familiar), C#(familiar)

**Frameworks/Library:** React, Nextjs, ExpressJs, Echo, NestJs(Familiar), Vue(familiar), Angular(familiar)

**Databases:** MySQL, PostgreSQL, MongoDB

**DevOps and Cloud Computing:** Docker, Kubernetes, Github Actions, AWS, OperatorSDK, Fleet(familiar), Rancher(familiar) Ansible(familiar), Linux(familiar), NGINX(familiar)

**Backend Related:** RestAPI, OAuth2.0, OpenAPI, GraphQL(familiar), Websocket(familiar)

## LANGUAGES

Burmese, English(intermediate), Japanese(intermediate)