

Han Lin Aung

Software Engineer | Full-Stack | Backend | Platform Engineering

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Professional Summary

Software Engineer with experience designing and delivering enterprise-scale business applications, internal platforms, and distributed systems within the insurance domain. Proven track record of leading frontend architecture, mentoring engineers, building workflow automation platforms, modernizing deployment processes, and delivering full-stack solutions across frontend, backend, infrastructure, and DevOps environments.

Skills

Frontend: React, Next.js, TypeScript, JavaScript

Backend: Node.js, Express, NestJS, ASP.NET, REST APIs, GraphQL

Databases: PostgreSQL, MySQL, MSSQL, MongoDB, Redis

Architecture: Microservices, Event-Driven Systems, Workflow Engines, API Gateway

DevOps & Cloud: Docker, CI/CD, AWS, RabbitMQ, Nginx, ELK Stack, Consul

Experience

Frontend Developer (Full-Stack & Platform Responsibilities)

KBZ Life Insurance Company | June 2025 – Present

- Lead frontend architecture and feature delivery for enterprise insurance platforms supporting internal operations, CRM workflows, and customer-facing applications.
- Became the primary frontend technical owner after the departure of a senior engineer, driving architectural decisions and mentoring four frontend developers through onboarding, code reviews, and technical guidance.
- Introduced a micro frontend architecture to improve maintainability, reduce coupling, and enable independent development and deployment of large business modules.
- Designed and led development of a configurable workflow platform enabling business users to define approval workflows, routing rules, permissions, and conditional transitions without code changes.

- Architectural template-driven workflow rendering to support reusable business processes across endorsements, customer KYC, and future claims workflows while collaborating with business stakeholders to translate requirements into long-term platform capabilities.
- Led end-to-end delivery of CRM modules, including business analysis, database design, backend service development, frontend implementation, and production deployment.
- Designed and implemented event-driven backend services for debit note and receipt generation with asynchronous processing, retry policies, dead-letter handling, user notifications, and transaction-safe sequence allocation to resolve concurrency issues.
- Established CI/CD pipelines across development, UAT, and staging environments, and implemented an internal package distribution solution to improve build reliability under infrastructure and network constraints.
- Enhanced platform reliability and security by redesigning centralized logging with the ELK Stack, implementing route-level API Gateway authorization policies, and participating in production releases, troubleshooting, and operational support for business-critical systems.

Frontend Developer

Freelance | September 2022 – November 2023

- Developed and delivered 4 web applications across the education and analytics domains.
- Designed and implemented Learning Management Systems (LMS) and data analytics platforms tailored to client requirements.
- Built scalable, maintainable applications using modern JavaScript frameworks and responsive UI design principles.

Selected Projects

- ATS Resume Checker (AI) • ShareNote (Blog Space) • MatchMe (Dating App)

Certifications

[AWS Certified Cloud Practitioner \(CLF-C02\)](#)

Education

B.E. Marine Engineering — Myanmar Maritime University