

YIN THAZIN MYINT

AI / FULL STACK ENGINEER

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PROFESSIONAL SUMMARY

Results-driven AI & Full Stack Engineer with production experience designing, deploying, and optimizing LLM-powered applications and agentic workflows. Proven track record of shipping end-to-end RAG pipelines, vector search architectures (PostgreSQL/pgvector), and automated LLM task execution systems using TypeScript/Node.js, Next.js, and Spring Boot. Strong background in balancing latency, token usage costs, and structured LLM outputs. Seeking to lead and scale agentic AI systems, copilot dashboards, and WhatsApp automation layers at Rezerv.

TECHNICAL SKILLS

AI & LLM Engineering:	Agentic Architecture, RAG (Retrieval-Augmented Generation), Prompt Engineering, OpenAI APIs, Vector Search, Structured Output Parsing, Evals & Latency/Token Cost Optimization, Model Context Protocol (MCP)
Languages & Frameworks:	TypeScript, JavaScript (Node.js), Java (Spring Boot), PHP (Laravel 12), Python (Django)
Frontend & UI:	Next.js, React, Tailwind CSS, Vite, Web Widgets, Angular, Responsive UI/UX
Databases & Vector:	PostgreSQL, pgvector, Microsoft SQL Server, MySQL, Supabase, MongoDB
DevOps & Tools:	Git/GitHub, Docker, RESTful APIs, Cloudflare, Spring Security (JWT, OAuth2), n8n

PROFESSIONAL EXPERIENCE

Technology Associate (Full-Stack / AI Engineer) 08/2025 – Present
eduCLaaS — Remote (Singapore)

- **Agentic Marketer Content Application:** Engineered a full-stack AI content system utilizing Laravel 12, React/Vite, and OpenAI APIs. Built custom prompt templates, Solution Marketing Canvas (SMC) engines, and structured AI response parsers to automate complex marketing assets.
- **Agentic Marketer Manager:** Co-developed an automated performance platform. Integrated LLMs to analyze live campaign data, generating structured, data-driven optimization checklists and insights with multi-tier approval states.
- **Performance & Cost Optimization:** Managed LLM API call efficiency, optimizing token budgets and reducing execution latency across multi-step prompt chains and automated email notification workflows.

Full Stack Developer Intern 10/2024 – 12/2024
Blue Stone Solution — Yangon, Myanmar

- **Enterprise Banking Utilities:** Customized core application logic and high-throughput REST APIs within an open-source Java framework (Mifos) to support secure customer onboarding and transaction processing.

CORE AI & SOFTWARE PROJECTS

RepoAI — Production-Grade AI Code Intelligence Platform (Final Year Project)

Stack: Java 21, Spring Boot, Next.js, TypeScript, PostgreSQL, pgvector, OpenAI API

- **Vector Search & RAG Architecture:** Engineered an automated RAG pipeline using custom chunking splitters, OpenAI embeddings, and PostgreSQL pgvector for semantic codebase retrieval.
- **Interactive AI Chat & Dashboard:** Built a high-performance Next.js/TypeScript UI featuring an AI chat playground, automated documentation generation, live Mermaid architecture rendering, and repository QA.
- **Security & Auth:** Implemented native JWT and third-party OAuth2 (GitHub/Google) authentication routines.

Meals on Wheels (MerryMeal) — Operations Platform

Stack: Laravel, PHP, MySQL, Geolocation APIs

- Engineered a role-based operational web application handling logistics, volunteer management, donor tracking, and menu planning using Agile/Scrum methodologies.

TECHNICAL RESEARCH & SPOTLIGHTS

- **EduLearn AI Chatbot:** Designed custom learning paths and interactive RAG-based support chatbot workflows using Spring Boot and React.
- **Jumpstart Natural Language Generation (NLG):** Formulated an NLG prototype connecting retail catalog metadata directly to OpenAI APIs to yield automated, SEO-optimized copy.

- **Risk-Based Testing (RBT):** Executed ISO/IEC 9126-1 performance and security testing strategies for financial and vehicle platforms.

EDUCATION

Bachelor of Science (Hons) in Computer Science University of Roehampton, London	Graduated: June 2026
Higher Diploma in Software Engineering Lithan Academy / eduCLaaS, Singapore	Graduated: June 2025
Foundation Diploma in Information Technology Lithan Academy, Singapore	Graduated: December 2023

LANGUAGES

Burmese: Native **English:** Professional / Intermediate **Korean:** Fluent (TOPIK Level 5) **German:** Beginner