

# AUNG MYO AYE

## Full-Stack Engineer

Mandalay , Myanmar

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

### SUMMARY

I'm a Full-Stack Developer with 3+ years of experience building scalable web applications using React, Next.js, and Node.js. Skilled in designing end-to-end systems including frontend interfaces, backend APIs, and database architecture. Strong focus on performance optimization, clean architecture, and real-world problem solving.

### SKILLS

- Frontend: React, Next.js, TypeScript, Tailwind CSS
- Backend: Node.js, Express.js, NestJS
- Database: PostgreSQL, MongoDB, Prisma, Mongoose
- Tools: Git, GitHub, Axios, TanStack Query, Zustand
- Other: REST APIs, Socket.IO, JWT Authentication

### PROJECT EXPERIENCE

#### HOTEL BOOKING MANAGEMENT SYSTEM (FULL-STACK, JAN 2026 - MARCH 2026)

Tech Stacks : Next.js, React, Express.js, MongoDB, JWT , Zod, Multer, Hero UI

- Built full-stack booking platform using BFF architecture for secure API communication
- Improved performance: reduced LCP from 3.57s → 0.98s (-72%) and 4.0s → 1.74s (-56%)
- Developed dynamic hotel search with filtering (location, price, rating, availability)
- Implemented full booking lifecycle (booking, updates, cancellation, payments)
- Designed concurrency-safe booking system preventing double reservations
- Built admin dashboard with analytics and full CRUD management

#### UTILITY MANAGEMENT SYSTEM (FULL-STACK, COLLABORATION, SEP 2025 - JAN 2026)

Tech Stacks : React, TypeScript, Node.js, Express.js, PostgreSQL, Prisma , Rechart

- Developed full-stack platform with tenant, staff, and admin roles (RBAC + JWT auth)
- Built React + TypeScript SPA with dashboard, billing, and service workflows
- Designed backend with Express + Prisma + PostgreSQL for scalable data handling
- Implemented secure API layer with Axios interceptors (token refresh handling)
- Integrated TanStack Query + Redux Toolkit for optimized state and caching
- Created analytics dashboards and automated billing workflows

### EDUCATION

Bachelor's Degree (In Progress 2019-2026) — English Major

**Yadanabon University**

### LEADERSHIP & PROFESSIONAL DEVELOPMENT

- Participated in "One Project One Month Program " an intensive professional development initiative led by Ko Sann Lynn Htun, focusing on rapid, high-quality project execution and software development best practices.
- Participated in Monthly challenge program in Erudite mm.

### ADDITIONAL

- Strong focus on clean architecture and maintainable code
- Actively learning advanced backend and system design concepts