

Zaw Min Thein

Project Lead and System Engineer (Akita, Japan)

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About Me

Shipped a production booking platform in 30 days with zero post-launch security incidents -one example of 4.5+ years delivering production-grade web applications across TypeScript, Java, Python, and PHP. Leading teams of up to 8 engineers while staying hands-on, owning architecture decisions, CI/CD pipelines, and cloud infrastructure on AWS and GCP. Known for delivering under pressure, mentoring teams through rigorous code reviews, and turning complex requirements into clean, scalable software.

Experience

Project Lead and System Engineer

(05/2023 – Present)

株式会社 ONE TERRACE | TOKYO, JAPAN | 正社員 | (Satellite Office, Akita)

One Moment Booking Platform:

- Led the **rapid full-stack development** of a secure platform, delivering the complete product under a critical **30-day deadline**.
- Integrated sophisticated **Stripe** payment logic to orchestrate complex financial operations (fund management, payment holds, and automated refunds).
- Processed transactions with **99.9%** uptime on **AWS ECS and RDS**.
- Implemented robust **CI/CD** workflows and stringent security protocols, achieving zero critical security incidents post-launch.

Quick Sign (Enterprise E-Signature Platform):

- **Led a team of 8** to deliver a platform that gave teams instant visibility into document status, replacing scattered manual tracking.
- Eliminated manual document handling entirely, cutting turnaround **time by 60%** by building a tRPC-powered **PDF automation** pipeline from scratch.
- Architected scalable cloud infrastructure **on AWS S3, ECS, and ECR to ensure 99.9%** uptime and document integrity.

Web Development & Infrastructure (Saison's Japanese Lesson & Taiheiyo Recruitment):

- Delivered a promotional Astro website within a highly **critical 5-day deadline**, managing task allocation and conducting rigorous code reviews.
- Engineered a **pixel-perfect**, animation-rich UI from Figma designs for a Next.js recruitment platform.
- Streamlined operations by implementing **CI/CD pipelines to Sakura/Onamae Servers** and architecting a **serverless** email infrastructure using **AWS Lambda and SES**.

Tokumane Migrant Worker Management:

- Co-led security improvements for websites utilizing **Spring Microservice, Redis, and .NET**.
- Identified and patched **100+** critical vulnerabilities and enforced proactive security measures to mitigate risks.

System Engineer

(12/2021 – 04/2023)

Bliss Stock Co., Ltd | TOKYO, JAPAN | Remote | 正社員

Online Learning Management System (Pyinnyar-Subuu):

- Spearheaded the development of a comprehensive Online Learning Management System with a **team of 6** using **Java Spring Boot and Postgres**.
- Delivered a robust and scalable platform that enhanced the learning experiences.

Employee Evaluation System:

- Developed and deployed an Employee Evaluation System utilizing **Node.js** and **Prisma**.
- Ensured smooth server deployment and maintenance, resulting in an efficient and reliable system for employee performance assessment.

Call Center Management System:

- Successfully led the handover and subsequent optimization of the Call Center Management System.
- Implemented ongoing maintenance and performance enhancements, ensuring seamless operations and improved system efficiency.

Skills

Cloud & DevOps : AWS (EC2, ECS, ECR, RDS, S3, Lambda, SES), GCP, Docker, CI/CD, GitHub

Languages : Java, TypeScript, JavaScript, PHP, SQL, Python.

Frameworks/Libraries : Spring Boot, Next.js, React.js, Node.js, Express.js, Nest.js, Laravel, FastAPI, Django

Databases : PostgreSQL, MySQL, NoSQL, Prisma, Redis

Communication Languages : English (Fluent) | Japanese (N4) | Burmese (Native) | Hindi (Conversational)

Education

UNIVERSITY OF THE PEOPLE | Bachelor of Science in Computer Science (BS-CS) (2022-2024)

CALIFORNIA, US

Graduated with *Cum Laude* honors in 2024

- Completed degree while working **full-time** as a Systems Engineer
- Relevant coursework: Data Structures, Algorithms, Software Engineering, Database Systems

UNIVERSITY OF COMPUTER STUDIES, MANDALAY (UCSM) (2017-2020)

MANDALAY, MYANMAR

Bachelor of Computer Science (Transferred to University of the People)

- Led the UCSM Technology Committee (UCSMTC), organizing knowledge-sharing events
- Competed in **ICPC (International Collegiate Programming Contest)**
- Participated in **TF-SCALE** leadership exchange with **Singapore Polytechnic**