

# KAUNG MYAT LWIN

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## SUMMARY

Dedicated and adaptable software engineer with a strong background in civil engineering and project management. Skilled in Java, Python, and CSharp, specializing in developing scalable web applications. Committed to continuous growth, excels in collaborative environments, and seeks a challenging software development role to enhance technical skills and drive impactful projects.

## KEY SKILLS

• Spring Boot • Java • PostgreSQL • HTML • CSS • JavaScript • E/R Diagrams • Table Design • Vue.js • Responsive Design • IntelliJ • Git • Unit Testing • JSON • Agile • JDBC • CSharp • ASP.Net • Python

## Technical Experience

### Intelligent Healthcare Ecosystem

*Designed and developed microservices for use across multiple platforms, utilizing Figma for design, and Java, Flutter, and Python for development.*

### TECH-S

*Developed IT solution for career changers to find relevant skills and suitable online courses by using Java Spring Boot, and Python.*

### Leave Application Processing System

*Developed E-leave web application for leave management by using Java Spring Boot*

### E-commerce Website

*Developed web application for online shopping by using ASP .Net Core*

## PROFESSIONAL EXPERIENCE

### IHPC (A\*STAR) | Singapore

#### Software Developer

Mar '23 - Jul '23

- Championed the development of 2 mobile apps for the Intelligent Healthcare Ecosystem, emphasizing **dementia prevention & support**, incorporating innovative patient-focused features using Flutter technology
- Developed & deployed web scraping mechanisms & machine learning algorithms in Python to process data for enabling predictive trend analysis using Neural Networks
- Engineered a web app utilizing the Python Flask framework to manage the Information Sharing system, featuring **RESTAPI integration**, data administration, & live data updates

### Expand Group of Companies | Singapore

#### Project Engineer

Jan '21 - Jul '22

- Ensured 100% compliance with HDB standards during quality control & testing of construction materials, leading to a **15% reduction in material defects**
- Reviewed project plans, design specifications, & schedule changes, contributing to the **timely completion of 95% of projects** using MS Project as the primary tool

- Directed & managed tasks delegated to multiple subcontractors, resulting in a **10% enhancement in project timeline adherence** while upholding HDB standards for quality

**LBD Engineering | Singapore**

**Project Engineer**

Jan '21 - Jul '22

- Designed piles and secured necessary approvals, expediting the approval process by 25% and enhancing project timelines.
- Collaborated with suppliers to analyze soil reports, ensuring accurate and efficient pile design, which reduced design errors by 15%.
- Facilitated safety & quality training sessions, leading to a **20% enhancement in safety standards &** accomplishing a 0% accident rate utilizing risk assessment methods
- Oversaw the daily operations for the project team, streamlining scheduling, documentation, & communication processes to increase productivity by **10%** & boost overall **project efficiency**

## **EDUCATION**

**Tech Elevator | Cleveland, Ohio**

**Java Development Bootcamp**

May '24 - Aug '24

*Currently attending a 14-week, full-stack coding bootcamp learning how to create dynamic web-based software systems using Java and providing 700+ hours of development education and application.*

**National University of Singapore | Singapore**

**Post Graduate Diploma in System Analyst**

Aug '22 - Nov '23

**Birmingham City University | Birmingham, United Kingdom**

**Master of Science in Project Management**

Feb '16 - Apr '17

**Yangon Technological University | Yangon, Myanmar**

**Bachelor of Engineering in Civil Engineering**

Feb '06 - Feb '12