



## Htoo Zaw Aung(24 yrs)

Software Engineer



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**Nationality:** Myanmar

**Language:**

- English
- Japanese
- Burmese

## Objective

To develop excellent software. I will provide proper solutions for business, solving software's problems like performance issues, infrastructure issues and more. I can develop maintainable and reliable software. I'll always try to find ways to make things better in the place where I work.

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## Skills

### Programming Languages:

Go (3 yrs), C (3 yrs), Java (1 yrs), Bash Scripting (2 yrs), SQL(3 yrs), Dart (< 1 yr)

### Frameworks & libraries:

Various GO libraries (3 yrs), Angular (< 1 yr), Spring Boot (<1 yr), Spring Security(<1 yr), Gin Web Framework

### Infrastructure & OS:

Enterprise Linux (4 yrs), AWS EC2 (2 yr), Docker (3 yrs), Gitlab-ci(2 yr), Ansible, AWS Secret-Manger, AWS lambda, AWS-AMI, GCP Cloud Run, GCP Cloud Deploy, GCP AMI

### Databases:

PostgreSQL (3 yrs), MySQL (3 yrs), MariaDB (3 yrs)

### Others:

Infrastructure automation (2 yrs), Flutter (1 yr), Open Source Software Development, Pfsense.

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## Work Experiences

### Technical Lead • DAT (Daiwa Institute of Research Group) [ Feb 2023–Present]

#### Roles & Responsibilities

- Developing Jobarranger software that is being used by many Japanese clients.
- Basic and detailed design for adding new features.
- Develop new functionality or extend a product as per client requirements.
- Involve in release management of Jobarranger software.
- Continuous bug fixing and maintenance of code base deployment.
- Automation tools development with GO, Shell and docker-compose.
- Create and automate infrastructure for integration testing and deployment.
- Continuous research and development to improve existing products.
- Support for customer inquiries.
- Execute integration testing and verify results.

#### Expertise

- Go (Developing Linux and Windows-based system software)
- C programming (Developing Linux and Windows-based system software)
- Docker (Creating automation tools and testing environments for various operating systems)
- PostgreSQL
- MySQL
- AWS EC2 (Creating testing and development environments at AWS instance)
- AWS Secret-Manger (Storing sensitive data and securely access that data within our application)

**Product's link:** <https://www.jobarranger.info/jpn/index.html>

## Freelance

### Roles & Responsibilities

- Creating CI/CD pipelines using Google Cloud Platform.
- Creating Cloud Infrastructure Solutions.

### Expertise

- GCP Cloud Run
- GCP Cloud Deploy
- GCP Artifact Registry
- GCP Compute Engine
- GCP VPC Network

## Internship • Ace Inspiration [ Sep 2022–Jan 2023]

### Roles & Responsibilities

- Designed ER diagrams for the applications we developed.
- Developed Java, Spring-Boot based web applications using the MySQL database.
- Developed front-end application using Angular/Typescript.
- Improvement, enhancement, bug fixing, documentation.
- Unit and integrated testing

### Expertise

- Java, Spring boot
- Angular, Typescript, JavaScript

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## Education

### European International University

Degree: Bachelor of Science in Information Technology

Expected Graduation: June 2026

### Golang Certificate

Level: Intermediate

Issue Date: July 2025

Issuing Org: [HackerRank](#)

Credential: <https://www.hackerrank.com/certificates/b8f6c783b4f1>

### Golang Certificate

Level: Basic

Issue Date: Mar 2024

Issuing Org: [HackerRank](#)

Credential: <https://www.hackerrank.com/certificates/e8312edf3a9e>

## Golang Dev Certificate

Level: 2

Issue Date: Mar 2023

Issuing Org: [Daiwa Institute of Research](#)

## University of Computer Studies, Loikaw

Degree: Bachelor of Computer Science

Under graduated: 2018 - 2020

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## Projects and Tools

### Jobarranger

Languages: golang, c, shell, react.js and php

Source: [https://www.jobarranger.info/jpn/jaz/5.release\\_note/index.html](https://www.jobarranger.info/jpn/jaz/5.release_note/index.html)

### Unit Testing Framework

Languages: golang, shell

Github: [https://github.com/zukigit/remote\\_run-go](https://github.com/zukigit/remote_run-go)

### Ssh-copy-id For Windows

Languages: golang, shell

Github: <https://github.com/zukigit/ssh-copy-id-win>

### Automatic Rpm Files Creation Tool

Languages: docker-compose, shell

Github: [https://github.com/zukigit/rpm\\_env](https://github.com/zukigit/rpm_env)

### Automatic Deb Files Creation Tool

Languages: docker-compose, shell

Github: [https://github.com/zukigit/deb\\_env](https://github.com/zukigit/deb_env)

### Zabbix and Jobarranger Envs

Languages: docker-compose, shell

Github: [https://github.com/zukigit/zabbix\\_jobarg\\_env](https://github.com/zukigit/zabbix_jobarg_env)

### Appointment Scheduler System

Languages: Java, Typescript, Spring boot, Angular

Github: <https://github.com/zukigit/AppointmentSchedulerSystem>

### Testing Enviroment Preparation Tool

Tool: ansible

Github: [https://github.com/zukigit/remote\\_install-ansible](https://github.com/zukigit/remote_install-ansible)