

# Phone Myint Mar

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## 🎓 Education

**B.Sc. (Hons): Degree in Business Information Technology**    12/2018 – 02/2020  
*University of Greenwich*    Yangon

**Level 5 Diploma in computing L5DC**    06/2017 – 06/2018  
*NCC Education*    Yangon

## 👤 Profile

Worked in a well-accepted E-wallet sector in Myanmar and have experience about designing and implementing robust backend systems that handle high volumes of transactions while ensuring data security and integrity. Implemented secure authentication and authorization mechanisms, to enforce data privacy for the confidentiality and integrity of API interactions. Have proficient understanding of Java Spring Boot framework and its ecosystem, alongside with comprehensive RDBMS, SQL knowledge.

Also worked as frontend developer with Angular and Vue JS frameworks. Developed landing pages for the promotions of the company and created portals for internal users to manage E-wallet systems.

Skilled in cloud services and Linux administration. Have knowledge about Agile development life cycle and scrum methodologies. A fast learner with strong English proficiency focused in developing robust applications.

My expertise in Java development and ability to collaborate effectively with cross-functional teams have allowed me to consistently deliver successful products that meet the needs of clients and end-users.

## 📁 Professional Experiences

**Software Engineer**    07/2021 – present  
*International Telecom Myanmar Co., Ltd.*    Yangon, Myanmar

- Developing and contributing to the design of backend microservices.
- Developing new applications and programs or enhancements to existing applications and programs.

- Developing APIs for mobile E-wallet application.
- Write SDKs and connectors for services to connect with E-wallet.
- Developing campaigns for promotions in E-wallet.
- Developing APIs for internal GUI applications.
- Providing technical and operational support to existing web and mobile applications.
- Implementing authentication services for internal GUI portals.
- Developing auto report systems for each respective parties about the daily statistics on E-wallet performances.
- Working with both subject-matter experts and IT staff to define and document system requirements.
- Deploying and managing applications on Linux servers.
- Monitoring the spring applications using monitoring tools like Prometheus and Grafana.

Some Remarkable projects in this company as the software engineer includes

- ***Notification to Customers via Firebase FCM***

[Role - Backend Development]

I took part in re-designing the notification module that is for sending notifications to customers via Firebase Cloud Messaging system. Started using Firebase batch sending modules to reduce workload on our servers. Integrated Firebase modules into our backend services and used Kafka as the message queue model for acquiring and maintaining FCM tokens.

- ***Electric Bills via E-wallet Service***

[Role - Backend Development]

In this project, I took part in designing electric bill service system developing APIs and integrating electric bill service to core wallet system. This design and solution also included a portal to check paid electric bills and included analysis and exporting reports to send back to government. By implementing this solution, our company was able to significantly reduce the time and effort required for manual data entry, while ensuring accurate and reliable processing of electric bills and reports.

- ***Find Agents for E-Wallet Transfer and Cash In***

[Role - Backend Development]

In this project, I developed a new version of finding agents for our E-wallet via MongoDB geospatial data structures and Spring boot backend service. Migrated old version from neo4j database to new MongoDB database and implemented more efficient queries to get more rapid and robust responses.

- **Translating Customer Names via Google Translate API**

[Role - Backend Development]

This project was for translating customer data from English language to Burmese using google API. We had over 40 million user data that was needed to translate for SIM card registration. I implemented a solution that reads user data from input files and saved them to our databases using internal messages queues and calling google translate API. Redis in-memory database implementation and remembering translated words was also included to optimize the cloud translation costs.

- **E-wallet automated report system**

[Role - Backend Development]

As part of my responsibilities at Telecom International Myanmar, I also integrated reporting solution for daily and monthly reports that automated the manual extraction and data entry processes. The system extract the necessary data for different departments and send data via mails and via telegram channels.

## **Junior Software Developer**

May Sein Naing Co., Ltd.

01/2020 - 07/2021

Yangon, Myanmar

- Collaborated with the development team to design and code the company website and the software prototype.
- Assisted in identifying and resolving software defects, issues, and inconsistencies in the website.
- Supported senior developers in implementing new features and functionalities in existing products.
- Utilized version control systems (e.g., Git) to manage code repositories, enabling seamless collaboration and code integration.
- Stayed updated with the new technologies and learned about software development patterns and new languages.

## **Remarkable Projects**

- **Web development for the company**

As a junior developer, I participated in building the company website using Laravel, a PHP-based framework. Collaborated on both front-end and back-end tasks, helping to implement features and tests.

## Personal Projects

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### **Authentication website**

*A site to implement authentication for my projects and web pages*

This is the sample login flow implemented to use as a drop-in solution in starting projects for just login and signup. This solution used firebase authentication web flow. Users will be logged in until they log out by themselves. The sessions are maintained by firebase.

### **Spring custom utility library**

*A spring dependency library for custom utilities*

This library includes common things that I use in my code and can be used by anyone to speedup the coding process. Includes processes such as Object mapping to Json or some custom string utilities. Also include my basic formats for API responses. This repository also implemented CI/CD with github and github actions.

### **Blogging and sharing knowledge**

*A website for sharing my knowledge and other experiences.*

A dynamic knowledge sharing and blogging website focused on coding and technology. I intent to use this site to share my experience and knowledge for beginners who start the programming journey. I also intend to share my personal journey and experiences in this site.

### **Fun gaming website**

*A desktop web application that have engaging games to play*

This web application showcases a range of entertaining games designed to captivate and engage users. Intended to test and experiment Vue Js and write some fun games with it. From brain-teasing puzzles to exhilarating action-packed challenges to play in some free time and compete with friends.

### **Firebase auth with spring security**

*A library implemented with spring security to add firebase security layer*

This library is intended to use as a drop-in spring security and firebase authentication. We can add the module as the library and provide credentials, after that we can filter and check the APIs that we want to filter with firebase auth system. It adds an another filter in spring security filter layers and register in the security filter chain.

## Skills

**Java Spring Boot** ● ● ● ● ●  
Java Spring boot and Spring eco system

**NoSQL Database** ● ● ● ● ●  
MongoDB, Firebase NoSQL(Firestore)

**CI/CD** ● ● ● ● ●  
Github Actions, Jenkins

**Docker** ● ● ● ● ●

**JavaScript** ● ● ● ● ●

**Vue JS** ● ● ● ● ●

**CSS frameworks** ● ● ● ● ●  
Tailwind, Bootstrap

**AWS Services** ● ● ● ● ●  
Deploying web apps on AWS

**Redis** ● ● ● ● ●

**Python** ● ● ● ● ●  
Python 3

**Sql Database** ● ● ● ● ●  
Oracle, MariaDB, MySQL and PostgreSQL

**Unit Testing** ● ● ● ● ●  
JUnit 5

**Linux skills** ● ● ● ● ●  
Deploying and maintaining java applications on linux servers, Shell scripting and monitoring servers.

**Kubernetes** ● ● ● ● ●

**Cloud Services** ● ● ● ● ●  
Deploying applications on Heroku, Netlify, Vercel

**Angular** ● ● ● ● ●

**Laravel** ● ● ● ● ●

**Agile methodologies** ● ● ● ● ●  
Scrum patterns and methodologies

**Message queue systems** ● ● ● ● ●  
Kafka, Rabbit MQ

## Courses

**Practical usage of software development** Yangon, Myanmar  
KMD

Information Technology course that demonstrate practical use of software including PHP/ Javascript/ JQuery

**Professional Advanced Web Development** Yangon, Myanmar  
Myanmar Links

## Languages

**English** ● ● ● ● ●

**Burmese** ● ● ● ● ●