



MON MON AUNG

SOFTWARE ENGINEER

Contact

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Personal information

DOB	20/06/1996
Passport No	MG 858928
Nationality	Myanmar
Marital Status	Single
Availability	Immediate
Expected salary	Negotiable

EDUCATION

❖ Bachelor Of Computer Science
Computer University Mandalay,
2017

Language

- ✓ English (Intermediate)
- ✓ Burmese (Native)

PROFILE

As a software engineer with about 5 years of hands-on experience, including 3 years specializing in Golang for backend systems. I have strong analytical and problem-solving skills. I also enjoy staying updated with new technologies to improve system performance and user experiences. I have a proven record of delivering high-quality solutions and am eager to contribute to innovative projects in a dynamic and collaborative environment.

WORK EXPERIENCE

Sein Maung Engineering Co., Ltd

Yangon, Myanmar

Software Developer

February 2019 – Sept 2024

Duties and Responsibilities,

❖ Forward POS Software Development:

- Developed and maintained multi-platform POS systems (web, tablet, and mobile) for fuel stations.
- Built responsive web applications with **GWT** and **Golang**, managing shift sales, attendance, user accounts, and financial operations.
- Developed tablet-based POS applications using **JavaScript** and mobile apps with **Java** for Android, supporting real-time fuel sales and pump control.
- Integrated multiple payment methods (cash, credit, and debit) and loyalty card systems to boost customer engagement.
- Created secure backend **APIs** using **Gorilla Mux**, **JWT**, and **WebSocket** for transaction management, real-time updates, and reporting.
- Applied concurrency techniques (**goroutines**, **channels**, **mutexes**) to ensure efficient and thread-safe operations.

❖ Mobile Application Development:

- Developed an Android-based NFC application to manage loyalty cards, allowing seamless customer rewards handling.
- Integrated the NFC app with Forward POS systems for real-time data synchronization.

Technical Skills

- ✓ Golang, PHP, Java, Javascript
- ✓ GWT, LitElement, Polymer
- ✓ HTML, CSS3, Bootstrap, Jquery
- ✓ MySql, SQLite3, MongoDB
- ✓ Webpack, Docker, RESTFUL
- ✓ Git
- ✓ Familiar with Flutter, AWS

Additional Skills

- ❖ Linux OS System
- ❖ Windows
- ❖ Microsoft Office Suite

Professional Skills

- ✓ Able to work under pressure
- ✓ Interpersonal skill
- ✓ Team player
- ✓ Fast learner
- ✓ Hardworking

HOBBIES

- ❖ Travelling
- ❖ Reading
- ❖ Planting

WORK EXPERIENCE

❖ Database Management

- Designed and optimized relational database schemas with **MySQL** and **SQLite3** for high availability and scalability.
- Ensured data integrity and created complex queries for operational and financial reporting.

❖ Website Management

- Designed and implemented real-time monitoring system for fuel dispensers, POS sales, and tank data on fuel station management websites.

❖ Leadership and Collaboration

- Troubleshoot and resolved software defects during installation and runtime.
- Reported project progress and milestones directly to the CEO, aligning technical development with business goals.
- Coordinated with cross-functional teams to ensure timely and high-quality deliveries.

Projects,

Forward POS Software

Technologies: Golang, GWT (Google Web Toolkit), Javascript, Java(Android), SQLite3, JWT, WebSocket

- Developed a POS system for petrol stations, supporting web, tablet, and mobile platforms.
- Enabled functionalities like shift sales, financial reports, and forecourt equipment control.
- Integrated a loyalty system to reward and engage customers.

NFC Card Reader And Writer (Mobile Application)

Technologies: Java(Android)

This application is used to read and write Loyalty Card of Forward software intended for:

- Manage loyalty card to hold customer who is a loyalty member of Forward Software.

Pump Stat And Tank Stat

- Developed real-time monitoring systems for fuel station operations using **PHP**, **MySQL**, and **Bootstrap**.
- Provided insights into fuel levels, sales, and pump status with visual dashboards.

Independent Projects,

Restaurant Management System

Technologies: Golang (Gin), MongoDB (Aggregation), Vue.js, WebSocket, JWT, Docker

Key Features:

- Built a full-stack restaurant management system with real-time order handling and WebSocket-based kitchen notifications.
- Developed RESTful APIs for user role management (Admin, Waiter, Kitchen Staff), menu, and orders.
- Used MongoDB aggregation for advanced sales and order reporting.
- Designed a responsive Vue.js frontend with role-based dashboards.
- Secured access control with JWT authentication and optimized deployment using Docker.
- **GitHub:** [Backend](#) | [Frontend](#) (Includes demo link, login credentials, and usage instructions in the README.)
- **Live Demo :** [Restaurant Management System](#)
- **Credentials: (For Demo Access Only)**
 - Admin: admin@gmail.com / admin123
 - Waiter: waiter@gmail.com / waiter123
 - Kitchen: kitchen@gmail.com / kitchen123

Clinic Management System

Technologies: J2EE, JSP, MySQL

- Implemented modules for patient record management, appointment scheduling, and user authentication to streamline operations.
- Designed a dynamic scheduling system for booking and managing appointments.
- **Project Link :** [Clinic Management System](#)
 - Admin: [admin@gmail.com](#) / admin
 - Doctor: [doctor1@gmail.com](#) /doctor1

Summary

Looking for a challenging role in a reputed company to utilize about 5 years engineering skills that can contribute to the company's growth as well as enhance my knowledge by exploring new things.

I hereby declare that all above information is true and correct one.

Sincerely,

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