

Kaung Myat Lwin

Software Engineer

20870 Burgandy Dr.

Strongsville, Ohio, US, 44149

216 882 4253

kgmyatlwin89@gmail.com

Profile

A results-driven and dedicated software engineer with proficiency in C#, Java, Dart, and Python programming languages; possessing experience in software development using AGILE methodology and CI/CD

Summary of Qualifications

- ✓ Proficient in a variety of programming languages, including JAVA, C#, Python, and Dart, enabling the development of robust and efficient software solutions
- ✓ Familiarity with programming concept, such as OOP, Design Pattern, and Data Structure
- ✓ Familiarity with a range of web technologies, such as React, JavaScript, HTML, CSS, jQuery, JSON, AJAX, and XML, facilitating the creation of dynamic and interactive web applications
- ✓ Proficient in both relational and non-relational database technologies (such as SQL, MySQL, Firebase, MongoDB, etc.), enabling efficient data storage and retrieval for applications
- ✓ Familiarity with version control tools such as Git (GitHub, BitBucket)
- ✓ Familiarity with modern User Interface (UI) technologies such as Flutter, React, and Bootstrap
- ✓ Experienced in utilizing multiple software development frameworks, including ASP.NET, Spring Boot (with Maven, Gradle, npm, Hibernate, etc.), Flutter, and Flask, engineering scalable and maintainable software systems
- ✓ Possesses a Master of Science (MS) degree in Project Management from Birmingham City University (UK), providing a solid foundation in project planning, execution, and control
- ✓ Successfully transitioned from a civil engineering background to the role of a software developer, showcasing adaptability, determination, and a passion for learning
- ✓ Recently graduated from the National University of Singapore with an outstanding GPA of 4.5 out of 5, reflecting academic excellence and a strong commitment to learning and achievement

Professional Experience

1. Software Developer (Student Intern)

IHPC (A*STAR), Singapore

March 2023 – July 2023



The Institute of High-Performance Computing (IHPC) is a research institute under the Agency for Science, Technology and Research (ASTAR) in Singapore. ASTAR is Singapore's leading public research organization, focused on fostering scientific research and development to drive economic growth and innovation in the country.

- Designed & developed mobile applications for the Intelligent Healthcare Ecosystem, focusing on dementia prevention & support
- Led the app's initial design using Figma, coordinating with multiple teams for final design agreement

- Determined the technology stack & actively contributed to the application's technological decisions
- Developed the frontend user interface using Flutter & integrated it with the backend API
- Created the backend API using Python to manage data from non-relational databases
- Implemented web scraping & machine learning models in Python for data processing

2. Project Engineer

Expand Group of Companies, Singapore
January 2021 – July 2022



Established in 2000, Expand is one of Singapore's largest construction groups specializing in residential, industrial, & niche projects with integrated civil engineering & construction support service capabilities.

- Reviewed project proposals & plans to develop the HDB construction project
- Conducted quality testing and control of construction materials
- Studied customer requirements & performance standards to determine project specifications while preparing cost estimates
- Implemented Just-in-time (JIT) inventory management to address storage shortages
- Managed project plans by reviewing design, specifications, & plan/schedule changes
- Assigned tasks to multiple sub-contractors and oversaw their scope of work

3. Project Engineer

LBD Engineering Pte. Ltd., Singapore
January 2019 – January 2021



Founded in 1992, LBD is a CW01-A1 main building contractor, enabling LBD to undertake public projects of unlimited value with an annual turnover of more than \$100 million.

- Managed multiple piling projects: bored piles, contiguous bored piles, & micro piles
- Calculated & designed piles, ensuring submission to the relevant authority for approval
- Collaborated with expert suppliers to study soil reports & design necessary pile tests
- Monitored soil movement by diligently reading instrumental reports to ensure project safety
- Arranged machinery movement & coordinated with material suppliers to maintain a smooth project life cycle
- Conducted safety and quality training sessions for the project team
- Assigned daily tasks to the project team & closely monitored the quality of their work
- Calculated material requirements & organized incoming orders to facilitate a smooth flow of materials with minimal wastage

4. Deputy Project Manager

MK Corporation Pte. Ltd., Singapore
May 2017 - October 2018



MK Corporation is a trans-regional (Singapore, Vietnam, Myanmar) organization based in Singapore that provides professional development management services in the real estate industry.

- Acted as a co-pilot on a 26-story luxury condo project, collaborating with the Project Manager in Myanmar
- Implemented lean construction methodology to effectively minimize over-processing and optimize project efficiency
- Liaised between the structural & architect teams, resolving design issues between as-built & paper documentation

- Calculated project cost & time estimates for clients in the event of major design changes
- Developed & maintained project timelines, efficiently assigning tasks to each project team
- Mentored the main contractor team, ensuring successful and timely project completion
- Established & maintained relationships with suppliers, ensuring the project teams had access to high-quality materials at fair prices
- Digitized the document control system & implemented a file management system for enhanced efficiency

5. Project Engineer

Mya Nann Yati Pte. Ltd., Myanmar
February 2012 to January 2016



Incorporated in 2013, Mya Nann Yati was a major construction company based in Yangon, the commercial capital of Myanmar.

- Successfully executed multiple residential building projects from inception to completion
- Conducted cost & resource estimations for project tenders
- Collaborated with government authorities to obtain necessary documents & approvals
- Monitored & gathered information regarding the quality, reputation, & cost of building materials & their suppliers
- Conducted thorough investigation of soil reports & implemented necessary soil treatments prior to project commencement
- Coordinated with the structural & architectural teams to acquire overall project designs
- Calculated & procured construction materials for projects
- Prepared handover processes upon project completion, ensuring a smooth transition

Educational Qualifications

Graduate Diploma in Systems Analysis <i>National University of Singapore</i>	2022 - 2023
Master of Science (Project Management) <i>Birmingham City University, United Kingdom</i>	2016 - 2017
Bachelor of Engineering (Civil) Yangon Technological University, Myanmar	2006 - 2012

Projects

IHPC: Intelligent Healthcare Ecosystem

Expand: HDB, Punggol North C11&12

LBD: HDB, Yishun N4C16

LBD: 1 Meyer Place Project

LBD: HDB, Hougang MSCP Project

LBD: Toa Payoh Medical Care Centre

LBD: HDB, AMKN6C34

MK Corporation: Inya Lake Residence Project: 26-story building with 2 basements

Mya Nann Yati: Kyauk Myaung Private Residence Project, 8-story building with penthouse

Mya Nann Yati: Kyauk Myaung Private Commercial Building Project, 6-story office building & 6-story multipurpose building

Mya Nann Yati: Yangon ENT Hospital: 2 units of 4-story staff living quarters

Mya Nann Yati: Ayeyarwon Yadanar Housing Development Project