



SAW THIRI KHAING

CONTACT

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WEBSITES, PROFILES

- <https://www.linkedin.com/in/saw-thiri-khaing-6012b8223/>

PERSONAL INFORMATION

- Passport Number: MH617705
- Date of Birth: 09/21/93
- Gender: Female
- Nationality: Myanmar

LANGUAGES

English



Thai



Burmese



SKILLS

- ETABS
- SAFE
- MATLAB
- SAP 2000
- Microsoft Office
- Cost Estimation
- AutoCAD
- SketchUp

PROFESSIONAL SUMMARY

Qualified Civil Engineer with three years of experience working in various capacities to complete construction engineering tasks. Expert in directing workflow of earth and concrete works, underground utility installations and green and brownfield project demolitions. Proven success in identifying and addressing challenges to complete projects on-time and under budget. Applies cost-saving strategies without sacrificing practicality and quality. Manages large projects and teams to meet milestones and exceed quality expectations.

EDUCATION

September 2021

Master of Engineering: Civil Engineering

Chulalongkorn University, Thailand

October 2018

Bachelor of Engineering: Civil Engineering

Technological University Mandalay, Myanmar

WORK HISTORY

January 2023 – December 2023

Civil Engineer, *Tantawan Construction and Service Co., Ltd.*, Thailand

- Prepare civil and structural engineering designs and detailed technical reports encompassing data, analysis, and engineering recommendations.
- Ensure designs comply with local, state, and international building codes, safety standards, and environmental regulations.
- Collaborate with other engineering disciplines to integrate civil and structural designs with mechanical, electrical, and process systems.
- Prepare cost estimates and budgets for civil and structural engineering projects.
- Monitor and control project costs to ensure they align with the budget.
- Work together with cross-functional project teams, including project engineers, project managers, and contractors.
- Participate in design reviews and coordination meetings.
- Attend the toolbox talk with a special discussion of job safety.

ACCOMPLISHMENTS

- Third Prize awarded in Bachelor of Engineering (2017 - 2018).
- Chulalongkorn University Graduate Scholarship Programme for ASEAN and Non-ASEAN Countries (July 2019 - July 2021).
- Manuscript: **Saw Thiri Khaing**, Thu Huynh Van, Sawekchai Tangaramvong, A Turbulent Flow of Water-Based Optimization for the Optimal Sizing Design of Steel Trusses, The 12th International Conference on Computing Methods, Vietnam, 4th - 8th July 2021.

EXPECTED SALARY

- THB 30,000 – 40,000

November 2021 - December 2022

Structural Design Engineer, *Aung Myin Thu Construction Co., Ltd.*, Myanmar

- Performed structural integrity by conducting thorough analysis and implementing design modifications.
- Collaborated with architects and other professionals to develop innovative, structurally sound designs.
- Collaborate with the team in designing and analyzing structural components for new and ongoing projects.
- Support technical information, solutions, structural decking, and innovative solutions for the commercial team.
- Communicate effectively with team members, clients, and stakeholders.
- Assist other engineers with technical activities requiring accurate calculations, complete data, and adherence to prescribed testing, analysis, design, or computation procedures.
- Conducted site inspections to ensure adherence to structural plans and guided necessary adjustments.
- Additional tasks and responsibilities are assigned as necessary.

November 2016 - April 2019

Civil and Structural Engineer, *Kanaung Mandalay Construction Co., Ltd.* Myanmar

- Enhanced structural integrity of buildings by performing detailed analysis and calculations on various materials.
- Performed design and engineering calculations in compliance with international codes.
- Prepared design sketches and coordinated with technicians in the preparation of the design drawings.
- liaised with clients, contractors, and suppliers.
- Prepared technical specifications and construction documents.
- Preparation of the related calculation notes, design criteria, specifications, option studies, and tender packages.
- Conducted safety reviews and inspections throughout the design process.
- Assisted in the achievement of all project objectives by collaborating closely with engineers, project managers, and other stakeholders.