



KHIN SAM THWE

**Civil Engineer
Geotechnical Engineer**

SKILLS

- Expertise in geotechnical investigations and soil mechanics
- Skilled in foundation design and structural analysis
- Knowledge of construction quality control
- Proficient in AutoCAD, Plaxis, Revit, and 3ds Max
- Experienced in Microsoft Office and Google Earth Engine
- Strong in project planning and coordination
- Experienced in monitoring engineering projects
- Capable of preparing technical reports and papers
- Skilled in documentation and presentations
- Effective in teamwork and collaboration

EDUCATION

- **Master of Civil (Geotechnical) Engineering**
Yangon Technological University / 2015
- **Bachelor of Civil Engineering | 2012**
- **Bachelor of Technology in Civil Engineering 2011**
Thanlyin Technological University
- **Degree in Environmental Studies**
Yangon University / 2019

LANGUAGE

- English (Advanced)
- Thailand (Basic)
- Japanese (Basic Proficiency Speaker ,N5)
- Burmese (Native)

CONTACT INFO

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PERSONAL PROFILE

Experienced Civil Engineer with a strong background in geotechnical engineering, quality assurance, and project management. Proficient in conducting geotechnical investigations, designing foundation systems, and managing construction quality to meet international standards. Skilled in collaborating with multidisciplinary teams to deliver innovative and sustainable engineering solutions.

WORK EXPERIENCE

RESEARCH ASSISTANT, CIVIL ENGINEERING

King Mongkut's Institute of Technology Ladkrabang, Thailand | 2021 - 2024

- Conducted geotechnical research and experiments.
- Analyzed soil mechanics and foundation design using tools like Plaxis and AutoCAD.
- Prepared reports, research papers, and presentations.
- Supported data collection, fieldwork, and lab testing.
- Worked with faculty and students on engineering solutions.

SUB ASSISTANCE ENGINEER 2, PROJECT OFFICER FOR AIRBM

*Directorate of Water Resources and Improvement of River Systems, AIRBM
Project Component 3 | 2019 - 2021*

- Managed project activities for water resources and river system improvement.
- Assisted in planning, designing, and implementing project components.
- Monitored construction progress to ensure quality and compliance with standards.
- Prepared technical reports, project documents, and presentations.
- Collaborated with stakeholders to achieve project objectives.

QA/QC CIVIL ENGINEER & QUALITY MANAGER FOR ISO

Nikki Group Company Limited | 2016 - 2018

- Ensured quality control for civil engineering projects, adhering to ISO standards.
- Conducted inspections and audits to maintain construction quality.
- Reviewed project plans and specifications for compliance with regulations.
- Prepared quality management documentation and reports.
- Coordinated with project teams to implement quality assurance processes.

LAB TECHNICIAN (ASSISTANT ENGINEER)

Civil Solution Consultant Company | Feb - Dec 2016

- Ensured quality control for civil engineering projects, adhering to ISO standards.
- Conducted inspections and audits to maintain construction quality.
- Reviewed project plans and specifications for compliance with regulations.
- Prepared quality management documentation and reports.
- Coordinated with project teams to implement quality assurance processes.

ACHIEVEMENTS

- Conducted geotechnical research and published academic findings.
- Ensured ISO standards were met in large-scale construction projects.
- Managed quality control for river system improvement initiatives.
- Developed expertise in foundation design and soil analysis.

PERSONAL QUALITIES

- Strong analytical and problem-solving abilities.
- Detail-oriented with excellent organizational skills.
- Effective communicator and team player.
- Adaptable and committed to continuous learning.
- Dedicated to achieving high-quality results under strict deadlines.

