



**SOTHEA SOM**  
M.Eng. Civil Engineering

## CONTACT DETAIL

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123 Moo 16 Mittraphap Rd.,  
Nai-Muang, Muang District,  
Khon Kaen 40002, Thailand.

## PERSONAL DATA

Gender : Male  
Nationality : Cambodian  
Marital status : Single  
Date of birth : 16<sup>th</sup> Jul., 1995

## KEY SKILL

- ❖ **Hard Skill**  
Civil Engineering
- ❖ **Soft Skill**  
Communication  
Time management
- ❖ **Computer Skill**  
Microsoft Office,  
AutoCAD, SketchUp,  
SAP2000, ANSYS,  
Excel & AutoCAD VBA,  
Mathcad, MATLAB, Visual Basic,  
& others
- ❖ **Language Skill**  
Khmer : Native  
Thai : Good  
English : Fairly Good

## HOBBY

Reading, Listening to Podcasts,  
Researching, and Running

## REFERENCE

**Dr. Supakorn Tirapat**  
Assistant Professor at Khon  
Kaen University.

+66-854954280  
[supati@kku.ac.th](mailto:supati@kku.ac.th)

**PROFILE:** With a background in Civil Engineering and three years of work and internship experiences, I am a highly motivated, flexible, and hardworking individual. I am committed to continually improving my skills and professional growth and am confident in my ability to deliver high-quality work, exceeding the expectations of the company.

## EDUCATION

- **2021 – 2023: M.Eng. in Civil Engineering (Structural Engineering) (GPA. 3.83)**  
Khon Kaen University, Thailand.  
✚ Fully Funded Scholarship Recipient.
- **2015 – 2019: Bachelor of Engineering in Civil Engineering (GPA. 3.89)**  
Rajamangala University of Technology Isan, Khon Kaen Campus, Thailand.  
✚ Fully Funded Scholarship Recipient.  
✚ First-Class Honors & Gold Medal Award.
- **May – Jul. 2015: Thai Language Preparation**  
Rajamangala University of Technology Isan, Surin Campus, Thailand.  
✚ Fully Funded Scholarship Recipient.
- **2012 – 2014: Associate's Degree of Engineering in Civil Engineering**  
Institute of Technology of Cambodia, Cambodia.  
✚ Full Tuition Scholarship Recipient.

## WORK EXPERIENCE

- **Jun. 2019 – May 2021: Cost Control Engineer, POTEAM BUILDER CO., LTD, Thailand.**  
✚ Prepared cost estimates, budgets, and forecasts.  
✚ Revised estimates as necessary.  
✚ Developed computer programs such as Bar Cutting Lists and Material Take-off using Excel VBA.  
✚ Carried out various ad-hoc duties as required.

## INTERNSHIP

- **Jun. – Oct. 2018: Estimate Engineer, POTEAM BUILDER CO., LTD, Thailand.**  
✚ Conducted materials takeoff and prepared Bills of Quantities (BOQ).  
✚ Designed a Building Quantity Estimation Method using Excel VBA.  
✚ Assisted with various ad-hoc responsibilities as needed.
- **Feb. – May 2014: Site Engineer, BOREY VIMEAN PHNOM PENH, Cambodia.**  
✚ Oversaw construction activities on-site.  
✚ Managed materials and ensured site safety and cleanliness.  
✚ Prepared site reports and documented project progress.  
✚ Performed additional ad-hoc tasks as required.
- **Jul. – Sep. 2013: Site Engineer, C.C.P.C (Cambodia) CO., LTD, Cambodia.**  
✚ Supervised construction operations.  
✚ Generated site reports and maintained progress records.  
✚ Handled other ad-hoc responsibilities as assigned.

## PROGRAM DEVELOPMENT EXPERIENCE

- **2019, Bar Cutting List:** Automatically generates optimal cutting layouts, conserving material, labor, and time. Developed using Excel VBA.
- **2019, Material Take-off:** Efficiently and swiftly calculates material requirements and generates detailed material lists. Developed using Excel VBA.
- **2018, Triple S RC. Design (Bachelor Thesis):** User-friendly tool allowing selection of design standards per EIT and ACI (318R-14). Automated structural detailing in AutoCAD using Excel & AutoCAD VBA.