

## PERSONAL INFORMATION

**MANLIKA MOBKRATHOK**

**License for Professional Practice - Associate Civil Engineer (Level 1)**

Date of birth: 23 December 1996

Nationality: Thai

Email: manlika.mob@gmail.com

Phone: +666 1950 9287

Expected salary: 30,000 Bath

Notice Period: 1 month



## EDUCATION

- **Suranaree University of Technology (July 2019 to June 2021)**

Master's Degrees in Geotechnical Engineering, School of Civil Engineering, Institute of Engineering.

**Research topic:** Finite Element Analysis, Bearing Reinforcement Earth (BRE) Wall

**Thesis Title:** *Finite Element Analysis Simulation 2D and 3D Compared to Observed Behavior of The Bearing Reinforcement Earth (BRE) Wall*

- **Suranaree University of Technology (July 2015 to July 2019)**

Bachelor's Degrees in Civil Engineering, School of Civil Engineering, Institute of Engineering.

- First class honor. (GPA = 3.73)
- Golden honor pin from Her Royal Highness Princess Maha Chakri Sirindhorn (Reward for student who had the highest score in class)

## SKILLS

MICROSOFT OFFICE (Word, Excel, PPT)	AutoCAD	PLAXIS 2D & 3D	Midas GEN
Proficient	Competent	Competent	Competent

LANGUAGES	THAI	ENGLISH
	Native	TOEIC 605, CEFR Level B2

## EMPLOYMENT HISTORY

Period	Employing organization	Position	Activities
July 2021 to Present	Institute of Research and Development, <b>Suranaree University of Technology, Thailand</b>	Full-time Researcher	<ul style="list-style-type: none"> <li>- Designer in Civil &amp; Geotechnical field.</li> <li>- Work Summary Report</li> <li>- Project and Financial Planning</li> <li>- Teaching assistant of Reinforced Concrete Design and Steel design course</li> </ul>
Mar 2019 to June 2021	Center of Excellence in Innovation for Sustainable Infrastructure Development, <b>Suranaree University of Technology, Thailand</b>	Research assistant	<ul style="list-style-type: none"> <li>- Analysis the field and lab data</li> <li>- Prepare daily report for academic service.</li> <li>- Prepare for structural design report</li> </ul>
Nov 2018 to Feb 2019	Co-operative Education, Aira One Project, <b>Sangfah Construction Co.,Ltd. , Thailand</b>	Civil engineer assistant	<ul style="list-style-type: none"> <li>- Preparing daily request and daily report</li> <li>- On-site inspector of the contractor's work</li> </ul>

## WORKING EXPERIENCE

Period	Project	Location	Client	Activities
2019	New Diocese Building Construction	Nakhon Ratchasima, Thailand.	Roman Catholic Diocese of Nakhon Ratchasima	<ul style="list-style-type: none"> <li>- Prepare daily report for landfilling work (landfilling about 300,000 m<sup>3</sup>)</li> <li>- Prepare payment terms report.</li> <li>- Analysis and preparing a report of field density test</li> </ul>
2020	Collapsed Retaining Wall Assessment	Samut Prakan, Thailand	McLarens (Thailand) Ltd.,	<ul style="list-style-type: none"> <li>- Laboratory testing and data analysis (Consolidation test)</li> <li>- Retaining wall analysis using PLAXIS 2D</li> <li>- Prepare the failure report for client</li> </ul>
	MSE wall design using bearing reinforcement.	Sri Mueang Park, Rayong, Thailand	City of Rayong	<ul style="list-style-type: none"> <li>- Design and Analysis of MSE wall stability (Internal and External stability)</li> <li>- Prepare the calculation report for client.</li> </ul>
2021	Si Song Kham Bypass	Nakhon Phanom, Thailand.	Department of Highways	<ul style="list-style-type: none"> <li>- Project coordinator</li> <li>- Prepare report for client. (Monthly report, Progress report, Calculation report)</li> <li>- Prepare payment terms document.</li> </ul>
	Analysis and Design of fuel belt conveyor	Mae Moh mine, Thailand.	Electricity Generating Authority of Thailand (EGAT)	<ul style="list-style-type: none"> <li>- Fuel belt conveyor slope stability analysis using PLAXIS 2D</li> <li>- Prepare summary report for client.</li> </ul>
2022	Investigating Building Construction (Contractor left contract)	Provincial Sports Stadium - Bueng Kan - Narathiwat - Sukhothai - Nakhon Ratchasima - Lampang - Saraburi	Sports Authority of Thailand (SAT)	<ul style="list-style-type: none"> <li>- Project coordinator</li> <li>- Analysis and evaluate an opportunity cost because contractor left.</li> <li>- Prepare progress report</li> <li>- Prepare summary investigating report for client.</li> </ul>
	Application of the construction process of prefabricated vertical drain system for Sump 1 C1, Mae Moh mine	Mae Moh mine, Thailand.	Electricity Generating Authority of Thailand (EGAT)	<ul style="list-style-type: none"> <li>- Project and Financial Planning</li> <li>- Prepare project proposal with team</li> <li>- Prepare progress report</li> </ul>
2023	Design structure and foundation of Solar farm	Thailand.	Racer Electric (Thailand) Co., Ltd.	<ul style="list-style-type: none"> <li>- Design structure using allowable design stress.</li> <li>- Analysis and design of foundation using PLAXIS 2D</li> </ul>
	Inspection of the Stability of Wind Turbines	Nakhon Ratchasima, Thailand.	Gunkul Power Development Co. Ltd,	<ul style="list-style-type: none"> <li>- Prepare summary inspection report for client.</li> <li>- Analysis the field and lab data</li> </ul>