

# Curriculum Vitae



## STRUCTURAL DESIGN ENGINEER

*Info Updated: 30 October 2021*

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**First Name** : **Nutchapon**

**Family Name** : **Srina**

Year of Birth : 1992 (พ.ศ.2535)

Nationality : Thai

Education : M. Eng., Civil Engineering, Mahidol University, Thailand, (2019)  
B. Eng., Civil Engineering, Mahidol University, Thailand, (2015)

Languages : **English:** Writing-Good/ Reading-Excellent/ Speaking-Fair  
**Thai:** Native Tongue

Engineering Licenses, (year) : Associate Civil Engineer, Council of Engineers, Thailand, ๓๒ 72807, (2019)

Current Position : Structural Design Engineer

Employer : International Engineering Consultants Co., Ltd.

**Expected Salary** : **38,000**

**Tel.** : 0879348564

**E-mail** : Nutchapon293@gmail.com

**Skill** : Midas, ETABS, SAFE, SAP2000, ADAPT and Abaqus

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## Employment Record

<b>Employer</b>	: <b>International Engineering Consultants Co., Ltd.</b>
<b>Period of Employment</b>	: <b>2019-Present, (พ.ศ.2562-ปัจจุบัน)</b>
Project Title / Country	: <b>Na Ranong Overpass Bridge, Thailand</b>
Period of Assignment	: September – Present, 2021
Project Description	: IEC have analyzed the segmental box girder bridge under construction stage and permanent stage (Na Ranong Square, Bangkok)
Position	: Structural engineer
Job Description	: - Responsible to perform the construction stage analysis of the superstructure and substructure (pier) of the box girder (2 cell and width 17.4 m.) for bridge under the construction load due to launching LG (Launching Gantry) and span erection. - Responsible to perform the precamber analysis. - Design the longitudinal tendon in the non-standard span (26, 31, 35 and 37 m.) under permanent stage (service and strength design).
Project Title / Country	: <b>Huai Chin Si Interchange, Thailand</b>
Period of Assignment	: September– Present, 2021
Project Description	: IEC have designed of the segmental box girder bridge (width 14.5 m.) (Huai Chin Si, Ratchaburi)
Position	: Structural engineer
Job Description	: Design the transverse reinforcement and tendon in the segmental box for standard segment, deviator segment, end segment and pier segment.
Project Title / Country	: <b>Ban Lat Interchange, Thailand</b>
Period of Assignment	: July – August, 2021
Project Description	: IEC have designed of the segmental box girder bridge (width 13.0 m.) (Ban Lat, Phetchaburi).
Position	: Structural engineer
Job Description	: Design the transverse reinforcement and tendon in the segmental box for standard segment, deviator segment, end segment and pier segment.
Project Title / Country	: <b>National Highway No. 305 Interchange, Thailand</b>
Period of Assignment	: December 2020 – April 2021
Project Description	: IEC have designed of the segmental box girder bridge (width 9, 13 m.) (Pathum Thani).
Position	: Structural engineer
Job Description	: Responsible to perform the analysis of the deviator segment (ramp and U-turn) due to tendon overlap with web of box, pier segment (overpass and U-turn, end segment (overpass and U-turn) and the substructure (pier) of the segmental bridge (U -turn).

## Curriculum Vitae

Project Title / Country	: <b>North Chachoengsao Bypass, Thailand</b>
Period of Assignment	: June 2020 – August, 2021
Project Description	: IEC have designed of U-girder, segmental box girder bridge and balanced cantilever bridge (Bang Pakong River Bridge).
Position	: Structural engineer
Job Description	: - Design the superstructure (longitudinal tendon and reinforcement), substructure (pier, footing and pile, transverse reinforcement and tendon, blister segment and cast in place end span of Bang Pakong River Bridge (balanced cantilever) span 70-110-70 m. width 17.6 m by cast in place method - Design the superstructure (longitudinal tendon and reinforcement and substructure (pier, footing and pile), transverse reinforcement and tendon, deviator segment, end segment and pier segment and pier segment of Approach span (segmental box girder) span 35-40-40-42 m. width 15.7 m - Design the transverse reinforcement and tendon in the segmental box for standard segment, deviator segment, end segment and pier segment of Tha Kai ramp (width 9.2 m.).
Project Title / Country	: <b>U-Tapao International Airport, Thailand</b>
Period of Assignment	: May, 2020
Project Description	: IEC have designed the runway, taxiway geometry and pavement (Rayong).
Position	: Structural engineer
Job Description	: Design the steel bridge (truss) for span 30 m.in sea 800 m. to support leading light pole for aeroplane landing on airport.
Project Title / Country	: <b>Pha Chuk Hydropower Plant, Thailand</b>
Period of Assignment	: December 2019 – March 2021
Project Description	: IEC have designed the hydropower plant (2x7 MW) for Pha Chuk Hydropower Plant for civil works, M&E works low voltage electrical works.
Position	: Structural engineer
Job Description	: Design cable bridge (steel structure) span 36 m. to support electrical work and pedestrian, duct bank and 5 manhole types.
Project Title / Country	: <b>Skywalk at N9 Station of North Greenline Project, Thailand</b>
Period of Assignment	: December 2019 – January 2020
Project Description	: IEC have designed the Skywalk at BTS (Ha Yaek Lat Phrao Station) of North Greenline Project that connected with MRT (Phahon Yothin Station).
Position	: Structural engineer
Job Description	: Responsible for design main stair (curved stair) of Skywalk at Exit 4 of MRT.
Project Title / Country	: <b>BTS-S6 Modification, Thailand</b>
Period of Assignment	: November, 2019
Project Description	: The project is a design and improvement of BTS metro (Saphan Taksin Station) for extension of the rail system to two rails.
Position	: Structural engineer
Job Description	: Responsible for design main stair of station and emergency ladder.