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Sirawit Ungsathaporn

Career Objective:

Sirawit has six years of experience in structural and civil engineering providing RC and Steel design on several projects in Thailand, supporting technical solutions, quantity surveys for bored pile work, and monitoring on-site as a site engineer. Looking for a design and coordinate role which is using structural design, management, and communication skills to accomplish the company's goal.

EDUCATION

2009-2012 **Chulalongkorn University** – *B.A. in Civil Engineering*
GPA 2.47

2014-2017 **Chulalongkorn University** – *M.A. in Civil Engineering*
GPA 3.50

EXPERIENCE

BECA (Thailand) Co., Ltd – *Structural engineer*

2017-present

During my master's degree study, I got a great opportunity for doing structural design as a special job which made me discover what kind of work I'm looking for. I started a new job by designing a large hotel and residential which is around 30000 and 15000 m² respectively. I got a lot of experience on several projects not only in Thailand but also in New Zealand. Now I'm part of the team who design a mix-used resident project which is contained 4 high-rise buildings, hotel, and residential.

2019-present **The Chaopraya River Project**

This project is A mix-used residential project located on Rama 3 Rd. which is consisting of 4 high-rise towers and 1 low-rise boutique hotel

Job Description

- Design and develop structural drawing for Tower A.
- Provide information for collaboration with other parties.
- Using the Revit software for developing the structural drawings and coordinating with other parties such as clash detection.
- Participating in the meeting with section manager to find the conclusion for special structural part.

- 2018-2019 **L'escape Villa Hotel Samui**
- L'escape is a chained luxury resort and private residential buildings which is located on Koh Samui. The area is approximately 9000 m2.
- Job Description - First time as a lead engineer.
- Design and develop structural drawing for public building.
- Provide the needed documents and participate in meeting with Architect to find the solution for structural design.
- Find the best solution to do the cost reduction in structural design.
- 2018-2019 **Balance Kapuni - Urea Bagging Building (New Zealand)**
- This is my first time on a work sharing and a great opportunity that let me do the steel strengthening design. This project is in Kapuni, New Zealand. Due to the current structure being assessed as 35-40%NBS (The earthquake rating) which is lower than the acceptance then the objective of this project is to strengthen this structure to pass the agreement.
- Job Description - Participate in meeting and study the design concept.
- Provide the best concept for strengthening design.
- Design and develop the structural drawing.
- 2017-2018 **KOH MAPRAW Island resort**
- This project is located on the slope on Koh Mapraw Island, Phuket which consists of 9 types of villas and 8 facility buildings.
- Job Description - Design a special structure for Pool Access Villa.
- 2017-2018 **The Riviera Jomtien**
- This project is a high rise building which is located Jomtien Beach, Chonburi.
- Job Description - Design a cantilever infinity edge pool.
- 2017-2018 **Rawai Hotel, Phuket**
- This project is a hotel and residential. The maximum development area for hotel is around 30000 m2 and 15000 m2 for residential. This is my first project as a structural engineer and my first time working with a foreign architect.
- Job Description - Design and develop structural drawing for public building and residential.
- Provide the needed documents and participate in meeting with Architect to find the solution for structural design.
- Find the best solution to do the cost reduction in structural design.

Pylon Public Co., Ltd – *Site engineer/Office Engineer*

2013-2014

This is my first job after graduating with a bachelor's degree. It is my first step in the engineering field. I have got a lot of knowledge and experiences from here and learn how to work as a team.

Office Engineer

Job Description

- Assisted Technical Manager in solving unexpected problems on sites such as pile deviation, and pile repairing.
- Reviewed specification, piling plan, pile detailing, reproduced, and estimated piling plan for tendering.
- Provided variation order (VO) work.
- Redesign pile, and provide a new pile detailing as owner request.

Site Engineer

Job Description

- Managed on-site such as monitoring labor, conducting the bored pile construction progress.
- Preparing the needed documents for meeting on-site.
- Report the progress to supervisor.

Ch. KARNCHANG Public Co., Ltd – *Internship*

2011

This is the first place that brought me to discover how civil engineers work and ignite me how to be a good engineer.

Job Description

- Worked as site engineer.
- Studied the construction process (Tunnel works).
- Reproduced and estimated of structural plan for order.

SKILLS

- Knowledgeable in using MS Office tools especially Excel.
- Able to use structural design program such as CSI programs (ETABS, SAP2000, SAFE), SPACE GASS, AUTOCAD and REVIT.

Languages

Thai: Native

English: Writing: Good, Speaking: Good, Listening: Good
(Toeic:755 Expire on February 2022)