



## DURGASHINI A/P SELVARAJU

Bachelor of Civil Engineering with Honours

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### OBJECTIVE

An experienced Structural Engineer in an oil and gas industry, registered under Board of Engineers Malaysia (BEM) that currently works on offshore structural design for various platforms. Highly adaptive to the latest techniques of designing offshore structures and possess the ability to work under any circumstances and committed to produce a high-quality work by dedicating any amount of time that is necessary. Successfully delivered projects under different leadership and different set of team members. Possess excellent technical and soft skills required to propel the team its goals. Fluent in verbal and written Bahasa Malaysia, English and Tamil and willing to relocate if necessary.

### EDUCATION BACKGROUND

**Universiti Teknologi PETRONAS, Malaysia**  
Bachelor of Civil Engineering with Honours | Sept 2016 – Sept 2020

- Majored in Offshore Engineering
- CGPA: 3.01

**Universiti Tenaga Nasional, Malaysia**  
Foundation in Civil Engineering | May 2015 – May 2016

- CGPA: 3.13

**SMK Tambun, Malaysia**  
Sijil Pelajaran Malaysia (SPM) | Jan 2014 – Dec 2014

- 1A+, 5A, 1A-, 2B+

### PROFESSIONAL MEMBERSHIP

**Board of Engineer, Malaysia (BEM)**  
Graduate Engineer (CIVIL) 2020

### WORKING EXPERIENCE

**Ranhill Worley Sdn. Bhd, Kuala Lumpur | July 2021 – Present**  
Structural Engineer

- Worked independently on topside design with minimal supervision for Fixed Offshore Platform for Rosmari Marjoram Project (Detailed Design) using SACS software which includes modelling and performing all the required analyses for topside design.
- Produced Weight Control spreadsheet (WCR) for topside by dealing with multi-disciplines' lead such electrical, instrument, telecom and piping and illustrated the increase and reduction of the structure's weight.
- Carried out analyses such as in-place, loadout, lifting and transportation for topside structure and improved the structure by performing strengthening.

- Facilitated new
  - Successfully c
- tubular to I-beam joint connection design, external ring stiffener plate, material handling beams/lug, trunnion design. nine support design and so on.