

Personal profile

I have over 16 years' experience in Managing, Design and Construction of Marine Structures, High & Low-rise buildings (Knowledgeable in latest technology of construction of High-rise buildings), design of Formwork system (PERI) and various types of Steel & Concrete Structures in Malaysia, Iran and International Projects. In addition, I am a Professional Engineer with the Board of Engineers, Iran and a Member of the Society of Civil Engineers and Construction Engineers Organization, Iran. Besides the above, strong knowledge in computer and IT also is remarkable.

Excellent communication skills; acquired during years of working with all types of multi-cultural companies and daily contact with different types of clients from all around the world. I am able to work well with others in a team to complete projects in a deadline-driven environment. I'm interested in pursuing a career in a Technical or Management position.



Education

2008 – 2010	University of Putra Malaysia (UPM) Master Degree in Engineering Management	Kuala Lumpur, Malaysia
1995 – 1999	Tehran Azad University Bachelor of Civil & Structural Engineering	Tehran, Iran

Work experience

2014 – to date	Project Manager & Head Of High-rise & Building Division PERI Formwork Sdn. Bhd.	Kuala Lumpur, Malaysia
<i>Main responsibilities:</i>	<ul style="list-style-type: none">▪ Providing engineering solution in collaboration with the sales engineers▪ Lead the design team (10 engineers and 2 drafters) to achieve the design target within the project's time frame▪ Technical support of design team and review and approval of design calculations and drawings▪ Monitoring of material delivery and coordination with Order Management and logistic team for delivery of material as per requested schedule from the client▪ Periodic site technical and coordination meetings with the clients and monitoring of supervisors and site progress▪ Monitoring of site activities to prevent any mistake due to misunderstanding or miscommunication of all parties▪ Involving in all site technical and coordination meeting to advise all parties on the technical points and construction methods in design stage and construction stage to optimize the projects' construction time and cost▪ Value engineering and developing new formwork systems within PERI based on the new technical developments and project's requirements	
2012 – 2014	Lead Civil & Structural Engineer HSSI Integrated Sdn. Bhd.	Kuala Lumpur, Malaysia
<i>Main responsibilities:</i>	<ul style="list-style-type: none">▪ Leading design team for structural design of Marine Structures, High-rises and various types of steel and concrete structures applying wind loads and seismic loads (based on the clients' need and types of project)▪ Monitoring of contractor's work quality and work progress based on the project requirements and the work program▪ Providing engineering support and value engineering during both design and construction stage▪ Beside the project's responsibility against the client and handling of the site requirements, monitoring and managing of in-house involved manpower (Engineers and drafters) to maintain the project's profit within the budget and completion of the project on time was part of responsibility to the higher management	

2010 – 2012	Senior Civil & Structural Engineer Cantilever Sdn. Bhd.	Kuala Lumpur, Malaysia
<i>Main responsibilities:</i>	<ul style="list-style-type: none">▪ Design of temporary work and supporting system during construction stage included propping and formwork▪ Preparing all the required design and drawings for the construction stage and submission to the client and consultants.▪ Ensuring that the project's scope of works are executed in accordance with the contract documents and project's technical specifications▪ Monitoring of site variation order and design changes and update site team with the latest requirements▪ Modifying form-work systems to suit to the irregular deformation of the structure's shape and optimize the construction cost with minimizing usage of the conventional system based on the latest construction method.▪ Monitoring the site progress to ensure proper way of delivering information to the construction team to prevent double handling work to save time and cost.▪ Observation of concrete, rebar and formwork wastage to compare and minimize the wastage cost against the estimated budget. This was required to re-study the drawings to identify the areas which the wasted materials can be used▪ Site technical support and handling of all technical and coordination meetings with the clients and consulting engineers to provide required information and highlight the discrepancies in design documents and drawings. Smooth running of project in construction stage at site. Proposing alternative options for the consultants as part of supporting tasks.	
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2008 – 2010	Senior Checker & Steel Structure Designer Seacad (M) Sdn. Bhd.	Kuala Lumpur, Malaysia
<i>Main responsibilities:</i>	<ul style="list-style-type: none">▪ Checking of all the 3D structural model and the drawings based on the relevant standards. This has been practiced based on different Steel Structure Standard such as AISC, Australian Code and British steel design code.▪ Steel connection design based on the client's requirements and relevant design codes.▪ Supervision and leading the design and detailing team based on the project's requirements and given time frames.▪ Project coordination with the respective clients.▪ Alternative design as proposal for the designer to ease their design work	
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2002 – 2007	Project Manager & Design Team Leader Sakoo Consulting Engineers	Tehran, Iran
<i>Main responsibilities:</i>	<ul style="list-style-type: none">▪ Design team Leader for design of relevant projects included design of dams, marine structures, hydromechanics systems of dams, buildings (steel, concrete and masonry), tunnels and various types of concrete, steel structures in many parts of Iran with consideration of seismic load▪ Project's cost estimation and preparation of Master Work Program▪ Cost analysis of the project and activities based on manpower, material and machinery▪ Preparation of Tender documents and prequalification of contractors▪ Attending all the technical and coordination meetings with client's technical team and project management management▪ Handling of all periodic site visits, site technical and coordination meetings▪ Value Engineering and preparation of all project's technical and progress reports▪ Involved in simulation of hydromechanics system of the dams as project manager▪ Project's feasibility study and reports	
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2000 – 2002	Structural Design Engineer Daal Bon Construction Co.	Tehran, Iran
<i>Main responsibilities:</i>	<ul style="list-style-type: none">▪ Structural analysis and design of Steel, Concrete and Masonry Structures in Tehran and North of Iran with consideration of Seismic Design and Wind Load (Industrial light weight structures) and submission of all the design calculation reports to the relevant authorities and client's technical department for their approval.	
<i>Highlights:</i>	<ul style="list-style-type: none">▪ Handling of clarification meetings with the clients as part of approval stage	

- Providing all the overall layout plan and detail drawings for all the projects
- Periodic site supervision for each project to ensure on quality of the work at site and report to the management
- Preliminary cost estimation of construction of structures (Steel and concrete structures)

Courses

2014 – 2016	PERI Academy: VARIOKIT & RCS Advance Seminar (Germany) FFC Shoring (Germany) Peri-Up Theatrical & Hands-on Training (Germany) RSTAB Analysis & Design Software from Dlubal (Germany) Daily Operation PSD, PeriCAD, PERIAN, PDM (Malaysia) OTC Training (Malaysia) Professional Portrait Photography at Beyond Photography Academy (Kuala Lumpur, Malaysia)	
2007 – 2014	MS-Project Structural Analysis and Design Software of ETABS 2013 (Steel & Concrete Structures) Analysis & Structural Design of Slab & Foundations in SAFE 2013 Structural Analysis and Design Of Post-Tensioning Slab in RAMCONCEPT	Kuala Lumpur, Malaysia
1999 – 2007	Welding & Welding Inspection Courses in I.E.I.C Quality Management Procedure in I.S.C.E ISO9001	Tehran, Iran

Skills

Languages	<ul style="list-style-type: none">▪ Persian (Farsi)▪ English – Intermediate (IELTS 5.5)▪ Dutch – Basic level (In progress of learning)	
Technical skills	<ul style="list-style-type: none">▪ Microsoft Office tools▪ SAP2013, ETABS2013, SAFE2013▪ STAAD PRO, SURFER, WALLAP, TEDDS, ESTEEM, ORION	<ul style="list-style-type: none">▪ Computer Software & Hardware▪ AutoCAD, Tekla, Revit, Sketch-up▪ Internet & Network▪ Mobile Devices Operation System (Android & Windows mobile)
Soft skills	<ul style="list-style-type: none">▪ Effective communication▪ Troubleshooting▪ Commercial Awareness▪ Relationships builder and team player▪ Willing to learn and develop new skills	<ul style="list-style-type: none">▪ Team work & Team Builder▪ Friendly and Supportive

Interests

- Photography (Award Winner in several photo contests and International Photography Groups of United States), Calligraphy, Traditional Art & Music, Sport & outdoor activity

References upon request

- **Sundrarajan Krishnan**
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- **Frik Du Plessis**
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