**Zegino Gbee, Civil Engineer**

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**Project Structural Engineer with 4 Years of Experience in KSA and UK**

Experienced, strategic, accomplished, and high-impact Project Structural Engineer with Masters in Civil Engineering from University of East London and Bachelors from University of Plymouth, United Kingdom. With over 4 years of experience in all aspects of construction and project engineering, supervision, planning, contracting, cost estimation, agreements, claims, variation orders, continuous development, decision making, and problem-solving. An accomplished and motivational team player with dynamic communication and presentation skills, with a proven ability to improve profitability, reduce costs, streamline operations, and enhance client and shareholder satisfaction. My core areas of strength include:

* Preparing reports, designs and drawings
* Calculations about loads and stresses
* Selecting appropriate construction materials
* providing technical advice
* Planning and building regulations approval
* liaising with architects and other professionals
* Monitoring work undertaken by contractors
* Administering contracts
* Managing projects

**Technical Proficiencies**

Microsoft Office Suite (MS PowerPoint, MS Excel, MS Project, MS Word)

Project Management, Oracle Primavera P6, Tekla, Smart Sketchup, AutoCAD, ETAS, Prokon, STAAD.Pro, SAP2000

**Career Summary**

**Project Structural Engineer Nov 2019 - Present**

Cine Construction & Development, Riyadh, Saudi Arabia

**Civil Engineer Oct 2017 - Aug 2019**

Gulf Factory Company for Steel Industries, Riyadh, Saudi Arabia

**Site Engineer Jun 2016 - Sep 2016**

Smith's Construction, London, UK

**Structural Engineer Dec 2014 - Mar 2015**

Alkhorayef water and Power Technologies, Riyadh, Saudi Arabia

**Detailed Professional Experience**

**Project Structural Engineer Nov 2019 - Present**

**Cine Construction & Development, Riyadh, Saudi Arabia**

Cine Construction is an established Saudi Arabian company with extensive experience in Fit-Out, FF&E and Turn-key development of cinemas, Conferences and other acoustic related projects. Here, I am responsible for the following:

* Focal contact point of any structural related activities in the project.
* Attending meetings to discuss and analyze all the project's structural variation orders (VO) with project managers (JLL).
* Provided innovative, cost effective and valuable solutions to proposed designs e.g. using different steel sections.
* Structural design approval and other operations related to legal formalities in Municipality and relevant authorities.
* Completed 100% of structural work in respect to the time schedule and handed over to site consultants.
* Managed multiple tasks simultaneously including: steel auditoriums, foundation, slab strengthening, steel staircase and RTU platforms.
* On-site assessment and evaluation of ongoing works.
* Liaising with relevant professional staff such as architects.
* Monitoring and inspecting work undertaken by contractors and administering contracts.

**Civil Engineer Oct 2017 - Aug 2019**

**Gulf Factory Company for Steel Industries, Riyadh, Saudi Arabia**

Gulf Steel Industries was established in response to the increasing global demand for quality Structural Steel Buildings. They serve construction and related industries include Design, Fabrication and Installation of Structural Steel works etc. Here, my key responsibilities included:

* Designed complete steel and concrete structures using software programs.
* Completed BoQs for in-house projects and quotations for clients.
* Supervised progress of work as a site engineer, working at a construction of steel poultry shed project in Najran, Saudi Arabia. Project worth 52 million SAR.
* Improved the project presentation format of the company. Including design and analysis details, cost, shop drawings and Quotations.
* using a range of computer software for developing detailed designs
* Compiling job specifications and supervising tendering procedures
* Resolving design and development problems
* Managing budgets and project resources
* Scheduling material and equipment purchases and deliveries
* Assessing the sustainability and environmental impact of projects and making sure the project complies with legal requirements, especially health and safety

**Site Engineer Jun 2016 - Sep 2016**

**Smith's Construction, London, UK**

Smith Construction prides is a family run design and build business serving a range of projects and experience runs from extensions and refurbishments to uniquely designed structures. Here, my key responsibilities included:

* Maintain compliance with safety and regulatory standards
* Compile estimates for technical and material requirements for project development
* Evaluate operations and processes
* Suggest process and technical design changes to improve performance and efficiency
* Implement improvements to designs and processes
* Monitor project progress, compliance with design specifications and safety standards
* Create work schedules and adjust as needed to meet project deadlines
* Maintain detailed documentation of all site engineering activities
* Collaborate with management to align activities with desired business outcomes

**Structural Engineer Dec 2014 - Mar 2015**

**Alkhorayef water and Power Technologies, Riyadh, Saudi Arabia**

Alkhorayef Water and Power Technologies Company is one of the leading companies in Saudi Arabian market with excellent track record in water and wastewater field including EPC, construction and O&M services. Here, my key responsibilities included:

* Conducted structural calculations for RCC and steel structure units.
* Review and amend work done by draftsman. Supporting the engineer department manager in day to day work.
* Analyse configurations of the basic components of a structure
* Calculate the pressures, stresses and strains that each component, such as a beam or lintel etc.
* Consider the strength of various materials, e.g. timber, concrete, steel and brick, to see how their inclusion may necessitate a change of structural design.
* Liaise with other designers, including architects, to agree on safe designs and their fit with the aesthetic aspects.
* Examine structures at risk of collapse and advise how to improve their structural integrity, such as recommending removal or repair of defective parts or rebuilding the entire structure
* Make drawings, specifications and computer models of structures for building contractors
* Work with geotechnical engineers to investigate ground conditions and analyse results of samples
* Liaise with construction contractors to ensure that newly erected buildings are structurally sound
* Use computers and computer-aided design (CAD) technology for simulation purposes.

**Professional Developments**

Master of Civil Engineering University of East London, UK 2016

Bachelor of Civil Engineering University of Plymouth, UK 2014

**Achievements**

Project Management using Oracle Primavera P6 (Knowledge Square) Feb 2019

Programme Representative (University of East London, UK) Sep 2016

Sustainability Training Course (University of Plymouth, UK) Feb 2012

**References**

Available on request