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M.Sc.in Structural Design Engineering
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Professional Summary

Resourceful Project Manager with 16 years of expertise in organizing projects, Monitors projects by adhering to production schedule and budget, managing production team, identifying problems, and providing targeted solutions. Knowledgeable in accounting principles, budget and financial management, financial oversight, and resource management to achieve smooth flow and project operations. Leads procurement of resources including equipment and supplies. highly experienced in different countries {Two years in UAE, 4 years in KSA, and 11 years in Sudan, in the highest building in Sudan} of intensive experience in Management (PMO), Supervision, and Structural Analysis and Design. I have worked in several mega-structures (High-Rise Buildings, Bridges, Railways, Stadiums, Shops, Hospitals, Mixed-use projects, Underpass Tunnels, Concrete as well as complicated Steel Structures ...etc). And I have occupied different positions and undertaken different tasks such as Project Manager, Construction Supervision, Structure Engineer, Designer Engineer (Analysis & Design), QA & QC, Coordinator, Construction Manager... etc. I am equipped with a very solid awareness and intensive work experience in Management, and technical issues as well as Construction Supervision. great potential to provide scientific support for all types of constructions, {Concrete (casting site, precast, Pre-stressed / Post Tension), steel (Steel Portal frame all types of steel section (Hot Rolled Sections, Cold-Formed Sections, Built-up Sections), & Light Gauge Steel (LGS) or Cold-formed Steel (CFS)}.

Skills

★★★★★ Risk Management	★★★★★ Stakeholder Management
★★★★★ Business process re-engineering	★★★★★ Commercial construction
★★★★★ Logistics Management	★★★★★ Advanced problem solving
★★★★★ Project Management	★★★★★ Technical Support
★★★★★ Contract Management	★★★★★ Contract Negotiation
★★★★★ Project planning and development	★★★★★ Performance Evaluations
★★★★★ Construction management	★★★★★ Strategic planning
★★★★★ Project estimation and bidding	★★★★★ Lean manufacturing and design
★★★★★ Budget administration	★★★★★ Advanced understanding of Structural Software design
★★★★★ Structural Design	★★★★★ Staff Management

Education

Jan 2013 till Jun 2014
M.Sc. Structural Engineering, College of Post Graduate Studies and Scientific Research, Karary University, Khartoum, Sudan.

Jan 2000 till Jun 2005
Bachelor of Civil Engineering (Honours), Alzaiem Alazhari University, Khartoum, Sudan.

PROFESSIONAL EXPERIENCE

Jul 2021 to present

➤ **Project Manager**

Park View Tower General Contracting L.L.C, UAE

Project: New Building Commercial Shop. In liwa, Abu Dabi, U.A.E.

Responsibilities

- Developed and initiated projects, managed costs and monitored performance.
- Met project deadlines without sacrificing build quality or workplace safety.
- Identified plans and resources required to meet project goals and objectives.
- Maintained relationships with material vendors to lower costs and diversify capabilities.
- Updated operational methods and oversaw accounting procedures for improved efficiency.
- Planned, designed and scheduled phases for large projects.
- Facilitated communication between internal personnel, contractors and vendors for project cohesion.
- Led project teams through design, construction and launch process.
- Achieved project deadlines by coordinating with contractors to manage performance.
- Provided detailed technical and operational direction in project challenges, consistently meeting deliverables according to deadlines.
- Modified and directed project plans to meet organizational needs.
- Drove team success through shared vision and recognition of quality performance.
- Accelerated progress by continually reviewing performance, budgets and project timelines.
- Managed projects from procurement to commission.
- Maintained clear communication with precise technical writing to document and inform critical processes.
- Orchestrated projects within strict timeframes and budget constraints by solving complex problems and working closely with senior leaders.
- Maintained compliance with regulatory parameters in complex projects with overlapping policies.
- Provided detailed product orders based on project drawings and technical specifications.
- Made decisions independently and collaboratively related to challenges.
- Provided fiduciary oversight to remain within budget constraints, recommending project adjustments where necessary.

Jan 2019 till Apr 2021

➤ ***Project Director***

Perfect Engineering Group, Khartoum, Sudan.

Responsibilities

- Oversaw business operations and produced updated status reports outlining each project to meet milestones.
- Hired and managed consultants, contractors and sub-contractors to complete project tasks.
- Monitored project and program quality to meet audit expectations.
- Developed and oversaw project operations and managed multi-functional issues through resolution.
- Developed project control roadmap to guide various projects.
- Orchestrated wide range of projects, improvement strategies, changes implementation, new revenue stream establishment and creative marketing and advertising.
- Traveled to other company locations for temporary assignments, meetings or training.
- Directed project design functions, developed proposals and conversed with customers and funders.
- Led preparation of bid packages and associated scopes of work, appendices and exhibits.
- Tracked project and team member performance closely to quickly intervene in mistakes or delays.

- Scheduled and facilitated meetings between project stakeholders to discuss deliverables, schedules and conflicts.
- Reported regularly to managers on project budget, progress and technical problems.
- Built successful project plans covering objectives, resources and staffing to meet schedules.
- Adhered to budget requirements with excellent planning and consistent expense monitoring.
- Obtained needed resources by strategically negotiating with stakeholders and outside suppliers.
- Maintained open communication by presenting regular updates on project status to customers.
- Verified quality of deliverables and conformance to specifications before submitting to clients.
- Recruited and oversaw personnel to achieve performance and quality targets.
- Sourced, vetted and managed vendors needed to accomplish project goals.

Sep 2016 till Sep 2018

➤ **Project Director**

Green Area Contracting Co., Jeddah, Saudi Arabia

Project:- Faculty of Medicine and Housing Professors - King Abdelaziz University.

Responsibilities

- Oversaw business operations and produced updated status reports outlining each project to meet milestones.
- Hired and managed consultants, contractors and sub-contractors to complete project tasks.
- Monitored project and program quality to meet audit expectations.
- Developed and oversaw project operations and managed multi-functional issues through resolution.
- Developed project control roadmap to guide various projects.
- Orchestrated wide range of projects, improvement strategies, changes implementation, new revenue stream establishment and creative marketing and advertising.
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- Adhered to budget requirements with excellent planning and consistent expense monitoring.
- Obtained needed resources by strategically negotiating with stakeholders and outside suppliers.
- Maintained open communication by presenting regular updates on project status to customers.

- Verified quality of deliverables and conformance to specifications before submitting to clients.
- Recruited and oversaw personnel to achieve performance and quality targets.
- Sourced, vetted and managed vendors needed to accomplish project goals.

Dec 2015 till Aug 2016

➤ ***Project Manager***

Raghad Contracting Co., Jeddah, Saudi Arabia

Project: - DAHIAT SUMOU PROJECT

Responsibilities

- Developed and initiated projects, managed costs and monitored performance.
- Met project deadlines without sacrificing build quality or workplace safety.
- Identified plans and resources required to meet project goals and objectives.
- Maintained relationships with material vendors to lower costs and diversify capabilities.
- Updated operational methods and oversaw accounting procedures for improved efficiency.
- Planned, designed and scheduled phases for large projects.
- Facilitated communication between internal personnel, contractors and vendors for project cohesion.
- Led project teams through design, construction and launch process.
- Achieved project deadlines by coordinating with contractors to manage performance.
- Provided detailed technical and operational direction in project challenges, consistently meeting deliverables according to deadlines.
- Modified and directed project plans to meet organizational needs.
- Drove team success through shared vision and recognition of quality performance.
- Accelerated progress by continually reviewing performance, budgets and project timelines.
- Managed projects from procurement to commission.
- Maintained clear communication with precise technical writing to document and inform critical processes.
- Orchestrated projects within strict timeframes and budget constraints by solving complex problems and working closely with senior leaders.
- Maintained compliance with regulatory parameters in complex projects with overlapping policies.
- Provided detailed product orders based on project drawings and technical specifications.
- Made decisions independently and collaboratively on [Type]-related challenges.
- Provided fiduciary oversight to remain within budget constraints, recommending project adjustments where necessary.

Feb 2015 till Nov 2015

➤ ***Senior Structural Design Engineer (PMO)***

Sadelmi Power- Al-Ayuni Investment & Contracting Co., Riyadh, Saudi Arabia.

Responsibilities

- Identified issues, analysed information and provided solutions to problems.
- Learned new skills and applied to daily tasks to improve efficiency and productivity.
- Collaborated with team members to achieve target results.
- Carried out day-to-day duties accurately and efficiently.
- Created plans and communicated deadlines to complete projects on time.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Worked with customers to understand needs and provide excellent service.

- Used coordination and planning skills to achieve results according to schedule.
- Resolved problems, improved operations and provided exceptional service.
- Demonstrated respect, friendliness and willingness to help wherever needed.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.
- Increased customer satisfaction by resolving issues.
- Developed and maintained courteous and effective working relationships.
- Worked within applicable standards, policies and regulatory guidelines to promote safe working environment.
- Worked flexible hours across night, weekend and holiday shifts.
- Developed team communications and information for meetings.

Feb 2009 till Jan 2015

➤ ***Senior Designer Engineer (PMO)***

Bilbaraka for Engineering and Consultancy Services, Khartoum, Sudan.

Responsibilities

- Learned new skills and applied to daily tasks to improve efficiency and productivity.
- Carried out day-to-day duties accurately and efficiently.
- Collaborated with team members to achieve target results.
- Worked with customers to understand needs and provide excellent service.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Used coordination and planning skills to achieve results according to schedule.
- Improved operations through consistent hard work and dedication.
- Resolved problems, improved operations and provided exceptional service.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.
- Increased customer satisfaction by resolving issues.
- Developed and maintained courteous and effective working relationships.
- Exceeded goals through effective task prioritization and great work ethic.
- Used Microsoft Word and other software tools to create documents and other communications.
- Prepared variety of different written communications, reports and documents.
- Completed paperwork, recognizing discrepancies and promptly addressing for resolution.
- Managed team of employees, overseeing hiring, training and professional growth of employees.
- Resolved conflicts and negotiated mutually beneficial agreements between parties.
- Monitored company inventory to keep stock levels and databases updated.
- Saved \$[Amount] by implementing cost-saving initiatives that addressed long-standing problems.

Jun 2005 till Jan 2009

➤ ***Structural Engineer***

CENTECS For Engineering Consultation & Studies, Khartoum, Sudan.

Project: N.T.C Tower and Project, Khartoum, Sudan.

Responsibilities

- Completed accurate engineering calculations for weights, loads, and other metrics using both manual and digital methods.

- Assisted drafters in developing the structural design of products using drafting tools or computer-assisted design (CAD) or drafting equipment and software (ETABS, SAP2000, SAFE, MIDAS nGEN, AXISS VM...etc)
- Verified construction documentation to meet client requirements and vision.
- Participated in design reviews within team-based structural planning committees.
- Designed structures for construction using various building mediums.
- Drafted structural plans using various computer-aided design solutions.
- Inspected and evaluated existing buildings for structural deficiencies and code violations.
- Performed quality inspections of all plans, documents, and calculations as well as in-progress and final bridge construction.
- Monitored implementation of the necessary safety and redundancy principles in the design and construction of new structures.
- Provided technical advice to industrial personnel on design, construction, and structural repairs.
- Created designs for temporary structures such as shores, vertical transportation solutions, employee access solutions, and more. Oversaw construction of new buildings and bridges.
- Supervised the application of quality assurance and quality control of the construction of structures in the area.
- Wrote project proposal summaries, outlining factors such as cost, timelines, scheduling and required permits.
- Organized and directed construction and demolition and related activities on a project.
- Attended professional training courses to maintain current knowledge and licensure.
- Researched zoning laws and building codes to verify conformance with regulatory agencies.
- Authored technical specifications for structural designs in the industry.

Courses

Sep 2021

Professional CEO- from international management advance college.

Professional CEO- from Global Leadership Organization.

Professional CEO- from Nevada Training and Consultancy.

Jun 2020 till Jul 2020

midas nGen Analysis & Design Program, online course.

Nov 2018 till 23 Dec 2018

PMP COURSE, Udemy online course.

Jan 2018 till Feb 2018

Expertise Vertex BD Steel Frame, (LGS) structure analysis & Design Program.

Dec 2015 till Jan 2016

Expertise Autodesk Revit Structure, online course.

Jun 2013 till Jul 2013

Expertise SAP2000 Analysis & Design Program (all version), Karary University.

Aug 2009 till Oct 2009

Expertise AutoCAD Structural Detailing, Courses in CENTECS For Engineering Consultation & Study Co. Ltd.

Mar 2009 till April 2009

Expertise Primavera Program Professional Project Management – CETS Engineering Studies Centre.

Apr 2007 till Jul 2007

Expertise ETABS, SAFE and CSI COLUMN Analysis & Design Program, CETS Engineering Studies Centre.

Sep 2006 till Dec 2006

Expertise Axis VM and Prokon Analysis & Design Program, CETS Engineering Studies Centre.

Jun 2006 till Sep 2006

Expertise R CAD Formwork, R CAD Reinforcement & R CAD Steel CENTECS For Engineering Consultation & Study Co.Ltd.

May 2003 till Aug 2003

Expertise AutoCAD & ArchiCAD, CENTECS For Engineering Consultation & Study Co.Ltd.

Mar 2003 till Jul 2003

Expertise Staad III Analysis & Design Program, Khartoum State Engineering's Union, Khartoum, Al-Ittihad Institute for Computer Training. Additional

Professional Activities

Mar 2016 till Mar 2016

27 the Arab Engineering Conference & Exhibition- Grant from Saudi council of engineer.

Nov 2005 till Dec 2010

Collaborative Teaching Assistant, Arch college-Sudan University for Science & Technology.

Nov 2005 till Dec 2006

Collaborative Teaching Assistant, Alnasr Technology College.

Professional Memberships

Sep 2021

International management advance college

Professional CEO

Membership ID: 286868

And

Global leadership Organization

Professional CEO

expire 2026

May 2015

Saudi council of engineer

SEC: PROFESSIONAL ENGINEER

Membership ID: 236991

Nov 2013

Sudan Engineering Council

SEC: PROFESSIONAL ENGINEER

Membership ID: 2320

References

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