

Muwayyid Mohammed

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Personal Details:

Date of Birth: 13th June, 1992 • Place of Birth: Khartoum, Sudan
Nationality: Sudanese • Gender: Male • Civil Status: Single

Architectural Engineer

BIM Specialist | MEP Coordinator

Accomplished and solutions-oriented professional with hands-on experience in architectural engineering, designing, modelling, energy analysing, and project scheduling. Proven expertise in managing multiple industry projects from inception to completion, while complying with budget and time constraints. Demonstrated ability to achieve a high-level of co-ordination between MEP teams; lead different project teams; and manage drafters and architects to produce efficient drawings. Co-operative communicator with able to collaborate with teams/associates in fast-paced, deadline-driven environments to achieve successful project outcomes. In-depth knowledge of landscaping, planning, materials, specifications, LEED regulations, and construction codes. Broad understanding of IT, software, hardware, and networking.

Areas of Expertise

- MEP & Construction Co-ordination
- Systems Integration & Maintenance
- Engineering & Architectural Design
- Business Planning & Development
- Problem Identification & Resolution
- Project Management/Co-ordination
- Site Supervision & Support
- Quality Assurance & Control
- Shop Drawing Production
- Team Building & Leadership
- Site Drawing & Design
- Client Management
- Energy Simulations
- Quantity Surveying
- BIM Applications

Career Accomplishments

- Reduced 21% workers expenses at construction sites by using latest software for scheduling.
- Enhanced 12% of energy efficiency in design and simulation of King Abdullah Financial District buildings.
- Achieved nine months with no clashes of construction and MEP services at project by using BIM technique.
- Minimised the execution time by leading multiple teams of project; setting and co-ordinating schedules to organise job.

Career Experience

BAYTUR CONSTRUCTIONS CON. (KAFFD) / Future Cities Constructions. FCC

Riyadh, Saudi Arabia

Architectural Engineer & Co-ordinator

Apr. 2019 to Present

Develop and provide co-ordinated shop drawings by utilising BIM applications. Review and accommodate the RFI, B.O.Q, and procurement documents by solving management issues in a timely manner. Identify and resolve issues and complex problems in an effective way with minimum impact.

- Created high-quality shop drawings along with 3D designs in accordance with client and consultant requirements.
- Ensured efficient project completions and facilitate construction by managing building systems integrations.

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MODERNIZER BRANDING & CONTRACTING CONSULTANTS

Khobar, Saudi Arabia

Architectural Site Engineer

June 2018 to Apr. 2019

Actively engaged in the site supervision and engineering. Collaborated with top-notch malls and recreation sites companies, such as Hamat and Alhokair. Provided clients with the needed advice regarding designs and specifications. Led the connection with the materials vendors to provide great experience in the early stages of the architectural design phase.

- Increased 21% efficiency by leading the design team successfully to cooperate with big recreation and landscaping companies.
- Reduced 14% expenses by serving as a procurement engineer and coordinating the efficient design phases.
- Cancelled the need for additional personnel to middle the connections with contractors and suppliers at the construction site.

DIMENSIONAL ASPECTS ESTABLISHMENT

Khobar, Saudi Arabia

Architectural Designer

Jan. 2018 to June 2018

Utilised specialised CAD applications to develop facades and special room designs. Communicated with vendors to address client concerns and issues.

- Generated a successful profit for the company by communicating with clients to understand needs and incorporating ideas.
- Conducted meetings with potential clients and provided advises as exclusive designer.

AZMEEL COMPANY

Dammam, Saudi Arabia

Architectural Engineer

July 2017 to Jan. 2018

Delivered support in the installation and maintenance of plumbing, mechanical, and fire protection systems for large villa and office projects.

- Solved 76% in site issues related to construction and MEP services with the help of an in-site technical office.
- Increased 28% efficiency of day-to-day work schedules by simulating the building and construction work in Navisworks and Primavera.
- Introduced multiple energy efficiency methods to the related specification as well as executed in the construction site.

*Additional experience as **Architectural Engineer & Designer** for Freelance/Self-Employed in Dammam, Saudi Arabia from July/2017 to Present.*

Education & Credentials

Bachelor of Science in Building Engineering Technology

Imam AbdulRahman Bin Faisal University, Khobar, Saudi Arabia, 2018

Coursework: Calculus, Physics, Fluid Mechanics, Math & Statistics, Project Management, Economic Studies, Buildings Maintenance, Supervision, Ethics & Standards, Integrating & Designing

Certifications:

MOAI Road Mosques Programme Volunteer Certificate | ICDL Basic Certificate | Cisco Basic Cyber Security Certificate | Saude Counsel of Engineers Certified | PMI Membership & UK Charter Member

Technical Proficiencies:

AutoCAD | Revit | Primavera | Navisworks | eQuest | DesignBuilder | SketchUp | ArchiCAD | Lumion | Twinmotion | 3D Max