

MOSTAFA ABDELGAWAD

Riyadh, Saudi Arabia

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Professional Summary

Senior MEP Engineer with 15+ years of experience in electromechanical engineering across residential, commercial, industrial, and medical projects. Expertise in MEP implementation strategies, project monitoring, and issue resolution within CAD/Revit MEP environments.

Skills

- Workday Proficiency
 - Team Leadership
 - Time Management
 - Conflict Resolution
 - Public Speaking
 - Data Analysis
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Technical Skills

Software & Tools

- **Autodesk:** Revit (Mechanical, Electrical), AutoCAD (Mechanical, Electrical)
 - **Microsoft Office:** Excel, Word, PowerPoint, Outlook, MS Project
 - **Electrical Design & Calculation:** Dialux & Dialux Evo, ETAP
 - **Mechanical Design & Calculation:** HAP, Duct Sizer, Elite Fire, Autofluid
 - **Project Management:** Primavera P6, MS Project
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Education

Bachelor's degree in electrical engineering

Benha University, Faculty of Engineering, Cairo, Egypt (August 2010)

Languages

- Arabic: Native
 - English: Professional Proficiency
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Certifications & Standards Expertise

- **Saudi Building Codes:** SBC 201, SBC 401, SBC 501, SBC 801
 - **Fire Protection Standards:** NFPA (Sprinkler Systems, Standpipe & Hose Systems, Fire Pumps)
 - **Electrical Standards:** National Electrical Code (NEC)
 - **Mechanical & HVAC Standards:** ASHRAE, International Code Council (ICC)
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Professional Memberships

- Member, Institute of Electrical and Electronics Engineers (IEEE)
 - Member, Saudi Council of Engineers (Professional Engineer)
 - Member, Egyptian Engineers Syndicate
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Work Experience

MEP Manager & BIM Specialist

MAZ Engineering Consulting Office, Saudi Arabia (2017 – Present)

- Electrical & mechanical design, supervision, and execution for various high-profile projects.
- Proficiency in Revit MEP, MS Office, ETAP, Dialux Evo, and Fire Elite.
- Ensuring compliance with SBC 801 (Fire Safety) and other relevant codes.

- Key Projects:
 - Residential: 250+ villas, palaces, and hotels (Wirgan Hotel, Park Inn Hotel)
 - Commercial: Max Markets, Centrepont, Riyadh Park Mall, Hayat Mall
 - Industrial: Tanmiah Factory, Al-Fawzan Industrial City (60+ blocks)
 - Medical: Health Oasis Hospital, Kidney Disease Center, Specialized Medical Center
 - Infrastructure: Petrol Stations (ENOC, PetroMaP, Alhattlan)

Technical Office Engineer & Site Supervisor

Energy Pillar Company, Jeddah, Saudi Arabia (2013 – 2017)

- Electrical design, cost estimation, tendering, supplier evaluation, and commissioning.
- High-speed railway infrastructure (Haramain Project).
- Municipality infrastructure projects (Jubail, Maissan, Balgarn, Al Khurma).

Electrical Engineer

El Masreya for Trade & Contracting, Cairo, Egypt (2010 – 2013)

- Electrical construction, cost estimation, and technical office work.
- Key Projects: Al-Guezira Plaza, Makro Market, Smart Village NBE Branch.

Training & Certifications

- SBC 201 & SBC 801 Training
- Orascom Telecom (Telecom Towers Internship)
- Helwan Power Plant (PLC & Transmission Protection Internship)