

# Shady Gamal Mohamed

## Civil Roads Engineer

Al-Jouf - Kingdom of Saudi Arabia | [Shady.gm10@gmail.com](mailto:Shady.gm10@gmail.com) | +966569296446

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### SUMMARY

A civil road engineer with extensive experience in managing and implementing infrastructure, road asphalt, pavements, and lighting projects in Saudi Arabia, Libya, and Egypt. Specialized in engineering design, quantity surveying, and preparing BOQs using AutoCAD and Civil 3D. Experienced in field supervision, quality control, and coordination with government agencies and consultants. Completed key projects in accordance with international codes (AASHTO, ASTM) with a full commitment to safety and quality.

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### EDUCATION

#### Bachelor of Civil Engineering

Jan 2020

Higher Institute of Engineering – BHI 47, Alexandria, Egypt

- **Graduation Project:** Properties & Strength of Materials (**Grade:** Excellent)

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### PROFESSIONAL EXPERIENCE

#### Project Manager and Technical Office Engineer - Design and Quantity Survey Aug 2024 – Present

Al-Inmaa Al-Masi Contracting Company - Saudi Arabia

- Management and implementation of the asphalt, sidewalks, and lighting project for internal roads in Al-Issawiya, adhering to technical specifications and quality of work.
- Participation in the technical office's work: preparing executive designs, quantity surveying, and preparing bills of quantities (BOQ) using AutoCAD and Civil 3D.
- Supervising the Al-Wurood - Dumat Al-Jandal project, ensuring field work conforms to plans, and submitting periodic performance reports.
- Coordination with government agencies, contractors, and consultants, and monitoring quality control tests and implementing safety standards.

#### Civil Road Engineer - Project Manager and Technical Office Engineer

Aug 2023 – Aug 2024

Qased Khair General Supplies and Contracting Company - Libya

- Management of infrastructure projects in Libya (asphalt, sidewalks, lighting), and participation in preparing executive designs and quantity surveys.
- Leadership of strategic road projects in Libya:
  - Tobruk-Musaid Project (150 km long)
  - Derna-Mortoba Project (55 km long)
- Preparation of technical specifications and bills of quantities (BOQ), and ensuring implementation compliance with codes (AASHTO, ASTM).
- Preparation of performance monitoring reports, full supervision of work teams, and quality control of materials on-site.

#### Implementation Engineer - Road and Infrastructure Projects

Dec 2021 – Aug 2023

United Contracting and Road Asphaltting Company - Egypt

- Implementation of asphaltting and pavement works, monitoring progress using MS Project and daily reports.
- Field supervision of projects and ensuring compliance with engineering plans and quality standards.
- Preparation of bills of quantities and technical specifications and submission for technical approval.
- Coordination with technical and logistics departments to ensure project delivery on time.

**Civil Engineer - Armed Forces Engineering Authority****Dec 2020 – Dec 2021**

Egypt - Alexandria / Beheira

- Participation in the implementation of the Mahmoudia Axis and El-Taamir Axis projects as national road and bridge projects.
- Supporting the implementation of civil works in coordination with the technical office engineers and quality engineers.
- Controlling the quality of materials and site testing within safety and environmental requirements.
- Preparing weekly technical and field reports and ensuring adherence to timelines.

**Trainee Engineer - Roads and Infrastructure Projects****Jan 2020 and Jul 2020**

Qased Khair General Supplies and Contracting Company - Egypt

- Develop skills in preparing plans using AutoCAD and participating in preparing BOQ and technical specifications.
- Learn about field implementation mechanisms for asphalt and road projects.
- Practical training in coordination with technical and field teams and material quality control.
- Work under the supervision of specialized engineers and learn on-site safety and organizational procedures.

**CERTIFICATIONS & PROFESSIONAL TRAINING**

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**Asphalt, Sidewalks, and Lighting Project for Internal Roads - Al-Issawiya, Saudi Arabia** 2024 – Present

Al-Inmaa Al-Masi Contracting Company

**Asphalt, Sidewalks, and Lighting Project for Al-Wurood Project - Dumat Al-Jandal, Saudi Arabia** 2024 – Present

Al-Inmaa Al-Masi Contracting Company

**Tobruk-Musaed Road Project, 150 km long, Libya** 2023–2024

Qased Khair General Supplies and Contracting Company

**Derna-Mortoba Road Project, 55 km long, Libya** 2023–2024

Qased Khair General Supplies and Contracting Company

**Implementation of the Maria Axis – connecting Alexandria and Borg El Arab** 2023

Qased Khair Company

**Developing roads in Masharif Al-Khair City, Alexandria** 2023

Qased Khair Company

**Construction of the Hamam Canal and its service roads** 2023

Qased Khair Company

**New Abu Qir City and Port Roads Construction Project** 2023**Construction of the extension of the construction axis towards Borg El Arab** 2021

Armed Forces Engineering Authority

**Mahmoudia-Beheira Governorate Axis Development** 2021

Armed Forces Engineering Authority

**Development and Expansion of the Reconstruction Axis - Alexandria** 2021

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**Mahmoudia Axis - Alexandria Governorate** 2020-2021

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**Reconstruction Axis - Alexandria Governorate** 2020-2021

Armed Forces Engineering Authority

## INTERNSHIP

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### Engineering Trainee

Jan 2020 - Jul 2020

Qased Khair General Supplies and Contracting Company

- Develop skills in preparing plans using AutoCAD and participating in preparing BOQ and technical specifications.
- Learn about field implementation mechanisms for asphalt and road projects.
- Practical training in coordination with technical and field teams and material quality control.
- Work under the supervision of specialized engineers and learn on-site safety and organizational procedures.

## TRAINING

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Microsoft Office (Word, Excel, PowerPoint)

AutoCAD – Preparing and designing engineering drawings

Civil 3D – Designing and analyzing road and infrastructure projects

## SKILLS

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### Technical Skills:

- AutoCAD
- Civil 3D
- MS Project
- Microsoft Office (Word, Excel, PowerPoint)
- Preparing Shop Drawings
- Road Design
- Bill of Quantity (BOQ)
- Preparing Technical Specifications
- Surveying Studies
- Quality Control
- Reading and Analyzing Engineering Drawings
- Application of Design Codes (AASHTO, ASTM)

### Soft Skills:

- Time Management
- Working Under Pressure
- Communication Skills
- Teamwork
- Problem Solving
- Leadership and Supervision
- Attention to Detail
- Analytical Thinking
- Concurrent Project Management

## LANGUAGES

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- **Arabic:** Native
- **English:** Excellent