



Karim Guirguis

Work permit: German | **Date of birth:** 6 Feb 1985 | **Place of birth:** cairo, Egypt |

Nationality: Egyptian | **Phone number:** (+49) 15257892262 (Mobile) | **Email address:**

karim_isaac@hotmail.com | **Website:** <https://kisaac85.github.io/> |

WhatsApp Messenger: +4915257892262 |

Address: wundstraße 9 1351, 01217, Dresden, Germany (Home)

ABOUT ME

Civil Structural Engineer passionate about Computational Engineering and Programming

WORK EXPERIENCE

1 NOV 2021 – CURRENT Cairo, Egypt

STRUCTURAL ENGINEER ECAD CONSULTANT

- Shop Drawings Review.
- Submittals Review.
- Construction Site Supervision.
- Technical advice to solve problems
- Design of Structural Concrete Elements.
- BOQ and quantity surveying preparation.

Business or Sector Construction

1 JAN 2023 – 1 OCT 2024 Remotely

BIM DEVELOPER / REVIT API DEVELOPER (PART TIME FREELANCER) FIVERR

- [Create Revit Plugins/addins for Revit.](#)

16 DEC 2017 – 13 AUG 2020 Doha, Qatar

SR QA/QC ENGINEER HCC

- Preparing the required method statements in line with project specification/codes and applicable with international industry standards and issuing to the engineer.
- Preparing the required ITPs and checklists in line with project specification/codes and applicable to international industry standards and issuing to the engineer.
- Conduct all Civil and finishing Inspections as per Approved ITP's, and ensure that the work is done as per the Issued for Construction Specifications and Approved Shop Drawings.
- Inspect the materials as they are delivered on-site and ensure that only approved materials are being used as per the approved method statement and manufacturer recommendations.
- Identify and raise any Non-Conformity Cases in the Official Report.
- Recommending corrective action to address non-compliance and deficiencies.
- Follow up and monitoring the closing out of opens WIRs, MIRs& NCRs with construction and the relevant consultant.
- Daily site surveillance to ensuring that work will be done according to the required specs, approved workshop drawings, approved method statement and quality control procedure.
- Advise the site staff on quality plans and procedures
- Supporting and helping the procurement/construction departments by technical advising for the applicable materials.
- Receiving Engineer's comments and advising the site people on spot and ensuring the close-out of their comments
- Reporting on the performance of the quality system to the management for review and as a basis for improvement of the quality system and expediently resolve any non-conformances associated with the effective implementation of this policy and the approved Project Quality Management System.
- Produce and follow up the snagging list before final handing over of the works.

SR QA/QC ENGINEER DGC

- Preparation and review of structural shop drawings.
- Preparing the required method statements in line with project specifications/codes and applicable to international industry standards and issuing to the engineer.
- Preparing the required ITPs and checklists in line with project specifications/codes and applicable to international industry standards and issuing to the engineer.
- Conduct all Civil and finishing Inspections as per Approved ITPs, and ensure that the work is done as per the Issued for Construction Specifications and Approved Shop Drawings.
- Inspect the materials as they are delivered on-site and ensure that only approved materials are being used as per the approved method statement and manufacturer recommendations.
- Identify and raise any Non-Conformity Cases in the Official Report.
- Recommending corrective action to address non-compliance and deficiencies.
- Follow up and monitor the closing out of open WIRs, MIRs& NCRs with construction and the relevant consultant.
- Daily site surveillance to ensure that work will be done according to the required specs, approved workshop drawings, approved method statement, and quality control procedure.
- Advise the site staff on quality plans and procedures
- Supporting and helping the procurement/construction departments by technical advising for the applicable materials.
- Receiving the Engineer's comments advising the site people on the spot and ensuring the close-out of their comments
- Reporting on the performance of the quality system to the management for review and as a basis for improvement of the quality system and expediently resolving any non-conformances associated with the effective implementation of this policy and the approved Project Quality Management System.
- Produce and follow up the snagging list before final handing over of the works.
- Preparation and review of structural shop drawings.

5 JAN 2013 – 5 OCT 2013 Cairo, Egypt

QUALITY ENGINEER JV BESIX ORASCOM

- Conduct all Civil and finishing Inspections as per Approved ITPs, and ensure that the work is done as per the Issued for Construction Specifications and Approved Shop Drawings.
- Identify and raise any Non-Conformity Cases in the Official Report.
- Recommending corrective action to address non-compliance and deficiencies.
- Follow up and monitor the closing out of open WIRs, MIRs& NCRs with construction and the relevant consultant.
- Daily site surveillance to ensure that work will be done according to the required specs, approved workshop drawings, approved method statement, and quality control procedure.
- Advise the site staff on quality plans and procedures.
- Receiving the Engineer's comments advising the site people on the spot and ensuring the close-out of their comments
- Reporting on the performance of the quality system to the management for review and as a basis for improvement of the quality system and expediently resolving any non-conformances associated with the effective implementation of this policy and the approved Project Quality Management System.

1 AUG 2008 – 30 OCT 2013 Cairo, Egypt

STRUCTURAL DESIGN ENGINEER (PART TIME) ISHAK FAHMY CONSULTANT OFFICE

- Design of Various Concrete Structures.
- Preparation of BOQ and specifications for different projects.
- Preparation of design drawings.

9 JUL 2017 – 14 DEC 2017 Doha, Qatar

SITE ENGINEER QUALITY BASED STRUCTURES

- Ensure that inspection requests are in place.
- Coordination with project engineer to expedite project delivery.
- Coordinate with the project QS and project QAQC Engineer to ensure the RFI is correct and complete.
- Ensure daily construction activity is recorded including equipment usage, manpower utilization and material consumption.
- Direct and supervise construction activities on site in accordance with requirements.

● **EDUCATION AND TRAINING**

1 SEP 2002 – 1 JUN 2007 Cairo, Egypt
BACHELOR DEGREE Arab Academy For Science and Technology and Maritime Transport

Website <https://aast.edu/en/>

United States
FE CERTIFICATE NCEES

Website <https://ncees.org/>

United States
CCP AACE International

Website <https://web.aacei.org/>

1 JUN 2021 – 30 NOV 2021 Egypt
BIM MANAGEMENT PATH Kaitech

Website <https://academy.kaitech-solutions.com/>

6 AUG 2021 – 20 DEC 2021 Cairo
BIM APPLICATION DEVELOPMENT Kaitech

Website <https://academy.kaitech-solutions.com/>

WEB DEVELOPMENT Udacity

Website <https://www.udacity.com/>

23 MAR 2023 – 9 MAR 2024
FULL STACK WEB DEVELOPMENT Udemy

Website <https://www.udemy.com/course/the-complete-web-development-bootcamp/?couponCode=ST18MT62524>

● **LANGUAGE SKILLS**

Mother tongue(s): **ARABIC**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B1	B2	A2	A2	A2
GERMAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Revit API C# | Team-work oriented | Revit | Node.js, React.js | Html / CSS / JavaScript

General Programs Skills

Microsoft Office | Microsoft Powerpoint | Microsoft Word | Zoom

Personal Skills

Motivated | Decision-making | Organizational and planning skills | Written and Verbal skills | Responsibility | Good listener and communicator | Analytical skills

Engineering Softwares

Very Good command of civil engineering softwares (Auto CAD SAP ETABS MS-Project) | Microsoft Excel

Software Languages

Begginer HTML/CSS | Begginer JavaScript for WebDevelopment | Javascript(Nodejs, ExpressJs) | Visual Studio - Visual Basic.NET | XAML(WPF)