

# Ali Ismail Mohamed

00966536824758 | Eng.ali992@gmail.com | [LinkedIn](#) | Al Madinah, Saudi Arabia

## PROFESSIONAL SUMMARY

Experienced Structural Engineer with over 10 years of expertise in designing, analyzing, and managing complex structural projects. Proficient in using advanced engineering software such as ETABS, SAP2000, and SAFE to develop detailed structural designs and ensure compliance with industry standards. Adept at coordinating with multidisciplinary teams to deliver projects on time and within budget. Demonstrates strong problem-solving skills, a deep understanding of building codes and regulations, and a commitment to innovative and sustainable design solutions. Proven track record in overseeing construction phases, conducting site inspections, and providing technical support to resolve design-related issues.

## CORE COMPETENCIES

- ✓ Structural Analysis
- ✓ Design Engineering
- ✓ Project Management
- ✓ Technical Documentation
- ✓ Materials Science
- ✓ Site Inspections
- ✓ Construction Methods
- ✓ Quality Assurance
- ✓ Risk Assessment
- ✓ Regulatory Compliance
- ✓ Problem-Solving Skills
- ✓ Revit, Prokon
- ✓ AutoCAD, SAP2000
- ✓ ETABS
- ✓ CSiCol, CSI Bridge

## PROFESSIONAL EXPERIENCE

### Structural Technical Office

**China Railway Construction Company | Jul 2023 - Present**

**Project : RUA Al Madina Main Infrastructure Package**

- Prepare detailed structural designs, calculations, and drawings according to project specifications and regulatory standards.
- Coordinate with MEP department and architects, engineers, and contractors to ensure design consistency and project alignment.
- Review and approve material submittals, shop drawings, and technical documents for accuracy and compliance.
- Monitor project progress, provide technical guidance, and resolve any structural design issues during construction.
- Prepare and revise design and redesign reports using ETABS, SAP2000, CSiCol, and SAFE for various buildings, along with developing shop drawings (BBS).
- Perform and verify quantity surveying tasks manually, as well as using Revit and CIVIL 3D.
- Analyze complex project documentation and develop comprehensive mobilization strategies for large-scale projects covering areas up to 1,500,000 square meters.
- Collaborate with the project team to develop and maintain project schedules, ensuring timely completion of structural tasks.

### Structural Technical Office, Civil

**Qemat Al Azizia General Contracting Institution | Apr 2023 - Jun 2023**

**Project : Bridge On Al Salam Road With Prince Nayef Road**

- Monitored project progress, provided technical guidance, and resolved any structural design issues during construction.
- Conducted site visits to ensure structural components were constructed according to approved plans and specifications.
- Created and checked shop drawings and conducted quantity surveying manually, as well as using Revit and Civil 3D.
- Coordinated with architects, engineers, and contractors to ensure design consistency and project alignment.

### Design Structural Technical Office / Freelancer

**Al Shakhes Real Estate Company | May 2023**

**Project : Al Muhammadiyah Shopping Center, Hafar Al Batin, KSA**

- Developed detailed structural designs, calculations, and drawings based on project requirements and regulatory standards.
- Coordinated with architects, engineers to ensure design consistency and project alignment.
- Created and updated design and redesign reports using software such as ETABS, SAP2000, CSiCol, and SAFE.
- Managed quantity surveying tasks manually and using Revit.
- Prepared technical reports detailing project specifications, design considerations.

**Design Structural Technical Office / Freelancer**  
**Gulf Architect For Contracting ( GAC ) | Jun 2023**  
**Project : Dammam Public Library Renovation**

- Managed shop drawings and all related tasks until obtaining final approval, including handling all revision cycles.
- Prepared sheet designs in accordance with ACI-318 standards.
- Assisted in the preparation of project proposals and technical presentations for clients and stakeholders.

**Design Structural Technical Office**  
**Islamic Office For General Contracting | Jan 2017 - Mar 2023**  
**Projects :**

1. **Social Housing Project Of The Ministry Of Housing**
  2. **Infrastructure Projects in The World Bank-funded Sustainable Rural Sanitation | The Construction Of Lift Stations, Slope Lines And Expulsion Lines In a Village Grouping (Dabij - Al-Maisah - MonshatKishk) Networks and Pipe line (Akoh - Kafr Al-Basha - Abu Ghraibeh )**
  3. **Ring Road Expansion Project**
  4. **Al-Dabeuh Axis rotation Bridges**
- Estimated and controlled project costs, designed scaffolding systems, and managed infrastructure works.
  - Prepared technical reports, calculation sheets, and design/re-design reports using ETABS, SAP2000, CSiCol, and SAFE for various buildings.
  - Developed and reviewed shop drawings, conducted quantity surveying tasks manually and using Revit and CIVIL 3D.
  - Oversaw the preparation and approval process of shop drawings, including handling all revision cycles.
  - Created sheet designs in accordance with ACI-318 and AASHTO standards.

**Structural Technical Office / Site Engineer**  
**Egyptian Armed Forces ( EGYPT ) | Oct 2015 - Dec 2016**  
**Project : Social Housing Project Of The Ministry Of Housing: 50 buildings, Badr City, Cairo**

## INTERNSHIPS

- Engineer**  
**Al-Salah Contractor Company | Jul 2013 - Aug 2013 / Jul 2012 - Aug 2012**
- Engineer**  
**Union Engineering Consulting Office. Prof. Eng. Hassan Maal | Aug 2011 - Sep 2011**

## CERTIFICATIONS AND COURSES

- Autodesk Revit Structure - By Engineer, Taha Aref Mostafa
- Fundamentals Engineering FE Civil Course - Engineering - Tracks. Engineer, Yaser Shaban

## MEMBERSHIPS

- Saudi Council of Engineers | 2023
- Egyptian Engineers Syndicate | 2015

## EDUCATION

**Bachelor's Degree In Civil Engineering**  
Zagazig University | 2015

## LANGUAGES

Arabic | Native    English | Excellent

**Reference No** : R02Z00-M541-PAR-JVC-LTR-001623  
**Date** : October 20, 2024  
**To** : M/s. Abdulali Al Ajmi Company (JVC)  
PO Box 86059, Riyadh 11622, Kingdom of Saudi Arabia  
**Attn.** : Mr. Abdulali Mohammed Al Ajmi  
**Contract** : Rua Al Madinah Project: Main Infrastructure Package  
**Subject** : **Proposal of JVC CV Eng. Ali Ismail Ali Mohamed for Structural Engineer.**  
**Ref. No.** : 1. R02Z00-C021-JVC-PAR-LTR-001299 Dated 19 October 2024.

Dear Engr. Abdulali Mohammed Al Ajmi,

The Engineer is writing with reference to your letter Ref.01 regarding JVC Proposal of Mr. Ali Ismail Ali Mohamed for Structural Engineer.

The Engineer needs to inform you that The Engineer can accept Mr. Ali for the position of **Structural Engineer**.

Thank you for your cooperation in this matter, and please do not hesitate to contact us if you have any further questions or concerns.

Best Regards,



**Ghassak Saif, P.Eng**  
Project Director – Engineer's Representative

Copy to: Shaker Al-Thobaity, Executive Director, Rua Al Madinah Holding  
Abdul Karim Khuraishi, Delivery Director, Rua Al Madinah Holding  
Sultan Shomr, P.E, Chief Resident Engineer, WSP Middle East and Partner



A.F

Date : 19 October 2024  
Ref : R02Z00-C021-JVC-PAR-LTR-001299  
To : Parsons – Project Management Consultant (PMC)  
Att : Mr. Ghassak Salih – Project Director – Engineer's Representative  
Project : Rua Al-Madinah Main Infrastructure Package.  
Subject : Proposal of JVC CV Eng. Ali Ismail Ali Mohamed for Structural Engineer

Dear Engr. Ghassak Salih,

With reference to above mentioned subject, please find herewith the CV of **Eng. Ali Ismail Ali Mohamed as Structural Engineer** for the project Rua Al-Madinah Main Infrastructure Package (RAM-MIP) for your approval.

Best Regards,



Abdullah Soliman-JVC Acting Project Director



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## شهادة خبرة

تشهد شركة المكتب الإسلامي للمقاولات العامة بأن

السيد المهندس / علي إسماعيل علي محمد

كان يعمل لدي الشركة بوظيفة مهندس مدني بمشروعات الشركة خلال الفترة

من 2017/1/1 م حتي 2023/3/31 م

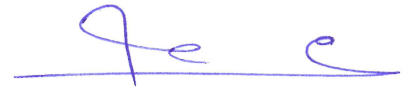
في مجالات الشركة المتنوعه من انشاءات وكباري وبنيه تحتية خلال تلك الفترة  
وتشهد الشركة بانه خلال فترة عمله معنا بالكفاءة والقدرة على تحمل ضغط العمل

وقد كان مثالا في العمل الجاد و كان حسن السير والسلوك وقد أعطيت له هذه الشهادة  
بناء علي طلبه دون ادني مسؤولية علي الشركة

رئيس مجلس الإدارة



الموارد البشرية



Membership no.:940703

عضوية رقم: 940703

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date 19/4/1438 H. SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولأحته التنفيذية فقد قررت الهيئة اعتماد:

ALI ISMAIL ALI MOHAMED

Membership Category: Engineer

Specialization: Civil Engineering

Membership Start Date: 5/14/2023

على اسماعيل على محمد

فئة العضوية: مهندس

التخصص: هندسة مدنية

تاريخ بداية العضوية: 5/14/2023



This Certification is valid until: 14 May 2024

هذه الشهادة صالحة إلى تاريخ: 07 ذو القعدة 1445

الأمين العام Secretary General

المكلف / م. عبدالناصر بن سيف عبداللطيف



جامعة الزقازيق  
شهادة



كلية الهندسة

تشهد الكلية بان السيد / على اسماعيل على محمد

الجنسية مصري الرقم القومي ٢٩٢٠٦٢٩٨٨٠١١٧١

محل الميلاد السعوديه بتاريخ ١٩٩٢/٠٦/٢٩

الدرجة الممنوحة بكالوريوس فى الهندسة المدنية

بتقدير عام (مقبول) دور مايو عام ٢٠١٥

بمجموع تراكمى ٤٨٣٢,٠٠٠ درجة من ٠,٧٥٠٠ درجة وبنسبة ٦٤,٤٣%

فقط وقدرة أربعة آلاف وثمانمانه وأثنان وثلاثون

من المجموع الكلى وقدره سبعة آلاف وخمسمائة

وقد اعتمد مجلس الكلية نتيجة الامتحان بتاريخ ٢٠١٥/٠٧/٢١

واعتمدها مجلس الجامعة فى: ٢٠١٥/١٠/٠٤

الموظف المختص رئيس قسم الخريجين مدير شئون الطلاب

يعتمد ،

عميد الكلية



تحريرا فى ٢٠٢٣/٠٢/١٩

0038486

على درجتها، ثم التوقيع

يعتمد، أمين الجامعة  
نجلد الظالم  
في ٢١ / ٢ / ٢٠٢٢



٢٤٨٤  
وزارة الخارجية  
مكتب التصديقات والاعتمادات المقدمة من مواطنين  
١٤٤٢ هـ  
دون ائتمن مسئولية  
المرسمة المقرر



023975

سفارة المملكة السعودية - المحمية الثقافية بالقاهرة  
نصادق على صحة الشهادة  
وتوقيع المسؤول بدون مسؤولية عن محتويات الوثيقة  
المحقق الثقافي  
التاريخ ١٩ / ٢ / ١٤٤٢ هـ

زياد بن يحيى المصري  
١٨٦٤٢١٢٥٢-٥