

Career Summary: (20years)

A competent Civil Engineer with 20 years' experience and excellent technical, organizational, communication and co-ordination skills

Experience in managing BIM technology .3d ,4d and 5d planning.

project management skills to achieve the goals within scope, time, quality, cost, customers satisfaction

Planning, directing, executing of activities, resources allocation, budget estimates

progress tracking, documentation

Organize, implement, the QA/QC Programs, PQP and company Policy, procedures.

Quality control for all civil works, test monitoring, material inspection & approval, Trial mix and concrete and soil testing.

Participation in progress and review meetings. Prepare and submit project daily, weekly and monthly reports, QC reports.

Maintaining and following the safety requirements, as per policies, safety codes, work permit systems, and other regulations.

Personal information:

Name	Mohammad Falah		
Place of birth*	Syria	Date of birth	1978
nationality	Syrian	status	MARRIED
Computer skills	ADVANCED	languages	-English -Arabic

* Currently In Riyadh - Saudi Arabia

Education/certificates

Certificate	University	Major	Country	Date
Bachelors	Damascus	Civil engineering	Syria	1999-2004
Advanced diploma (post-graduate)	Damascus	Engineering Road structures	Syria	2005-2006
Graduating thesis	Structural design for prestressed & precast i girder bridge.			
Diploma thesis	Management systems for road structures using GIS.(ADVANCED CASES)			
Master thesis	Optimization performance for signalized intersections.			

Employment record

Employment	Country / City	Position	Field Of Work	Data
SETS INTL	KSA/RIYADH MAKKAH-- MADINAH	PROJECT MANAGER	ROADS BRIDGES INFRASTRUCTURES	2023-NOW
AMNK (Saudi Arabia)	KSA/ Riyadh	Traffic and transportation projects in charge	Bridges Design and CIVIL Engineering	2007-2023
Structures Military Administration	SYR/ Damascus	Supervisor Engineer	Roads & Buildings	2004-2007
EUSS Consultant	Syria/ Damascus	Traffic Engineer	Traffic And Transportation Studies	2004-2007 Part Time

EXPERIENCES outlines:

Management:

- Bim (construction)technology management for clients' satisfaction and markets requirements.
- Data analysis and presentation advanced skills.
- Build KPI dashboards.
- Engineering transformation and development knowledge.
- Governmental and VIP client's interface and technical requirements approach.
- ERP systems.
- Advanced reporting.
- Atomized tasks

Technical:

- Manage of 3d 4d and 5d projects methodologies.
- Bridges structural design (Prestressed concrete bridges, RCC bridges, precast girders....)
- preparing BOQ, specifications And Road structures (culverts, retaining wall, footings and piles) According AASHTO LRFD, PCI, MOMRA new bridges code and KSA-mot recommendations.
- 3d bridges design BRIM (bridge information modeling) concept
- Traffic simulation
- Roads and infrastructures projects supervision management
- Hydrology studies management.
- All above are under clients' codes and regulations

Engineering Used Softwares(sample):

#	Software	Field
1	Sap 2000 AND CSI BRIDGE	Structures modeling and design(3d bridge structural modeler)
2	OPEN BRIDGE MODELER	BRIM bridge information modeling
4	Autodesk Revit	BIM -Building information modeling
3	ALLPLAN BRIDGE	BRIM
4	MIDAS CIVIL	Bridges Structures modeling
5	Presto	design of concrete beams in accordance with the ACI or CSA building codes(PRESTRESSED BEAMS)
6	Concise beam	precast concrete beams Design ACI 318
7	IMBSEN SOFTWARES	STRUCTURAL BRIDGES DESIGN(ABUTMENT DESIGN)
8	Prokon	Structural Analysis and Design
9	s-concrete	Concrete Sections Design and Optimization
10	LEAP SOFTWARES (conspan-rcpiers-conbox)	STRUCTURAL BRIDGES DESIGN (SUPERSTRUCTURES AND PIERS DESIGN)
11	EXCEL SHEETS	MY programs (structural double check process and assistants tools)
12	AutoCAD (2D+3D)	CAD
13	AutoCAD CIVIL 3D AND BRIDGES MODELER ADD IN TOOL	ROADS AND BRIDGES
14	ARCGIS	GIS SOFTWARE
15	Vissim (PTV)	Traffic modeling
16	TRAFFICWARE-SYNCHRO	INTERSECTION TRAFFIC SIMULATION
17	AASIDRA	INTERSECTION TRAFFIC EVALUTION
18	AUTOCAD VEHICLE TRACKING	SWEPT PATH ANALYSIS
19	PYTHON	PROGRAMMING LANGUAGE under training

Employment Record AND PROJECTS OUTLINES: Saudi Arabia

From: [2/ 2023] To [NOW]

Employer: SETS Intl Consultant

Domain:(roads and bridge design management)

Expert in roads and bridges projects

Projects:

- **14 interchanges development and design/technical support advisory (client" almadina almonawara municipality)**
- **Makkeh 5th RR design project reviewing team lead(client:RCMC)**
- **3rd Riyadh ring road design and development project manager (client :RCRC)**

Engineering consultant (QA) for concept and detailed design stages for group of design projects in KSA supporting all members of design team and follow time schedule and cost and manage procurements process, stakeholder's communications

The supervised team (topo survey – GIS -geometry –structural-traffic-dry and wet utilities – electrical –landscaping and irrigation)

With solid experiences of technical tools and softwares in the field

Traning: during 2023-2024

1-BIM And GIS Integration For AEC Projects By ESRI

2-BIM and Smart Cities By SCE

3-Vissim.Visum, Vistro Traffic and Transportation Modeling by Ptv

From: [5/ 2007] To [2/2023]

Employer: Almuhandis Nizar Al-kurdi Al-Millli Engineering Consultant

Domain:(Traffic and transportation projects in charge)

Managed several projects in KSA especially at Ministry of Transport (MOT), Ministry of Municipal and Rural Affairs (MOMRA), in addition to private sector projects, such as:

Technical works:

1. Design 26 bridges in ASSER area
2. Design 3 bridges in TURIEF city
3. Design 3 bridges in KHARJ city

4. Design bridge in HAQEL city
5. Design interchange in HAEL area
6. Review interchange in ERBIL area - IRAQ
7. Design bridges in ERBIL area - IRAQ
8. Design 3 bridges in NAJRAN area
9. Technical support for of ALQASEEM road project (2nd ring road with interchange).
10. Technical support for TAIF agriculture roads project (group 2 group 14 with 3 bridges).
11. Technical support for MAKKAH roads project (group 17 group 14 group 11 group 12 with 2 bridges).
12. Design 2 bridges in UHOD RUFDA
13. 6 PRDSTRAN bridges review for Makkah bus network project.

Management works:

1. Prepare monthly report for all company departments and branches
2. Invitations and Tenders analysis
3. Infrastructures Design project management and coordination (hydrology-roads-

Activities performed:

- Detailed Design of Bridges Including Superstructure, Substructure and Foundation. Preparation of Detailed Drawing, Calculations and BOQ. Type Of Bridge Structures Includes RCC T-Beam, Solid Slab bridges system, Voided Slab bridge system, Pile Foundation Prestressed Girders bridges (POST, PRE-TENSIONED) And Abutments.
- Reviewing bridges design in (SUPERVISION PROJECTS) for technical approval.

Syria

From: [5/ 2004] To [4/ 2007]

Employer: General Directorate of Military Works Positions held: CIVIL engineer.

- Managed several projects - ROADS AND BUILDINGS

From: [5/ 2004] To [4/ 2007] part time Employer: EUSS COSULTANT ENG

Positions held: traffic engineer. Projects:

- TRAFFIC PLANING AND MODELING FOR ALMAHDI BIN BARAKA ROUTE IN DAMASCUS.
- DAMASCUS NORTH - SOUTH ROUTES, FUTURE TRAFFIC PROPOSALS.

PERSONAL Skills

creative and innovative thinking - Analytical in the formulation and solutions of problems

Self-motivated- Leadership

Independent of mind, with intellectual integrity

very Active Learning -- Understanding the implications of new information for both current and future problem-solving and decision-making.

Following all updates bridges and traffic and transportation softwares (Autodesk solutions, Bentley, CSI, BIM,)

RIYADH - KSA+966552980290

Membership no.:38836

عضوية رقم: 38836

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 ولائحته التنفيذية فقد قررت الهيئة اعتماد:

MOHAMMAD ISSA FALAH

Membership Category: Engineer

Specialization: Civil Engineering

Classification: Consultant

Membership Start Date: 12/7/2010

محمد عيسى فلاح

فئة العضوية: مهندس

التخصص: هندسة مدنية

الدرجة: مستشار

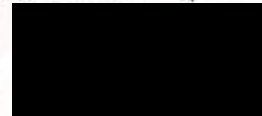
تاريخ بداية العضوية: 12/7/2010



This Certification is valid until: 28 April 2024

هذه الشهادة صالحة إلى تاريخ: 20 شوال 1445

الأمين العام Secretary General



المكلف / م. عبدالناصر بن سيف عبداللطيف



Aug 17, 2025

Mohammad Falah

has successfully completed

Smart Cities – Management of Smart Urban Infrastructures

an online non-credit course authorized by École Polytechnique Fédérale de Lausanne and offered through Coursera

Professor Matthias Finger
Chair Management of Network Industries
Institute of Technology and Public Policy
College Management of Technology
École Polytechnique Fédérale de Lausanne

COURSE CERTIFICATE



Verify at:
coursera.org/verify/57CX1LMBXS41

Courseera has confirmed the identity of this individual and their participation in the course.

This online offering does not reflect the entire curriculum offered to students enrolled at Ecole polytechnique fédérale de Lausanne. This document does not affirm that you were enrolled as an Ecole polytechnique fédérale de Lausanne student in any way; it does not confer an Ecole polytechnique fédérale de Lausanne credit; it does not confer an Ecole polytechnique fédérale de Lausanne degree or certificate.



hereby recognizes that

Mohammad Falah

has attended the MOOC

Going Places with Spatial Analysis

6 weeks

Completed on March 11, 2023

A handwritten signature in black ink, reading "Jack Dangermond", positioned above a horizontal line.

Jack Dangermond
President

The Training and Development Department
of Saudi Council of Engineers is pleased to
confer this certificate to

MOHAMMAD ISSA FALAH

For Attending

Building Information Modeling and Smart
Cities

يسر إدارة التدريب والتطوير بالهيئة
السعودية للمهندسين أن تمنح هذه
الشهادة

محمد عيسى فلاح

لإتمامه حضور دورة

نمذجة معلومات البناء والمدن الذكية

خلال الفترة

From

11/02/2024

To

15/02/2024

05/08/1445

إلى

01/08/1445

من

الأمين العام

م. عبدالمحسن بن زاوي المجنوني



مدير إدارة التدريب والتطوير

م. محمد بن سليمان العدل

The Training and Development Department
of Saudi Council of Engineers is pleased to
confer this certificate to

MOHAMMAD ISSA FALAH

For Attending
Portfolio Project Management

يسر إدارة التدريب والتطوير بالهيئة
السعودية للمهندسين أن تمنح هذه
الشهادة

محمد عيسى فلاح

لإتمامه حضور دورة
إدارة محافظ المشاريع

خلال الفترة

From

16/02/2025

To

19/02/2025

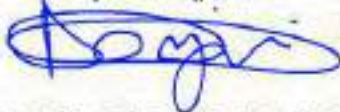
20/08/1446

إلى

17/08/1446

من

الأمين العام



م. عبدالمنعم بن زاوي المجنوني



مدير إدارة التدريب والتطوير



م. محمد بن سليمان العدل

تتقدم

الهيئة العامة للمنشآت الصغيرة والمتوسطة "منشآت"
بالشكر لـ

محمد عيسى فلاح

على إتمام البرنامج التدريبي

التخطيط الاستراتيجي للمنشآت الصغيرة والمتوسطة

في تاريخ: 22 فبراير 2025



The Training and Development Department
of Saudi Council of Engineers is Hereby
Granted This Certificate to

MOHAMMAD ISSA FALAH

Has Successfully Completed

Risk Management using “Primavera Risk Analysis”

Course Duration

15

Course Date

15/12/22

يسر إدارة التدريب والتطوير بالهيئة
السعودية للمهندسين أن تمنح هذه
الشهادة إلى

محمد عيسى فلاح

لإتمام دورة

إدارة المخاطر باستخدام برنامج " بريمافيرا لتحليل المخاطر"

عدد الساعات

15

تاريخ الدورة

15/12/22

الأمين العام المكلف

م. عبد الناصر بن سيف العبد اللطيف



مدير إدارة التدريب والتطوير

م. محمد بن سليمان العذال

The Training and Development Department
of Saudi Council of Engineers is Hereby
Granted This Certificate to

MOHAMMAD ISSA FALAH

Has Successfully Completed

Agile & Scrum Project Management

Course Duration

3

Course Date

27/12/22

يسر إدارة التدريب والتطوير بالهيئة
السعودية للمهندسين أن تمنح هذه
الشهادة إلى

محمد عيسى فلاح

لإتمام دورة

مقدمة في إدارة المشاريع الرشيقة SCRUM

عدد الساعات

3

تاريخ الدورة

27/12/22

الأمين العام المكلف

م. عبد الناصر بن سيف العبد اللطيف



مدير إدارة التدريب والتطوير

م. محمد بن سليمان العذال

تتقدم

الهيئة العامة للمنشآت الصغيرة والمتوسطة "منشآت"
بالشكر لـ

محمد عيسى فلاح

على إتمام البرنامج التدريبي

أساسيات خدمة العملاء

في تاريخ: 25 أغسطس 2025



تتقدم

الهيئة العامة للمنشآت الصغيرة والمتوسطة "منشآت"
بالشكر لـ

محمد عيسى فلاح

على إتمام البرنامج التدريبي

ريادة الأعمال في النقل واللوجستيات

في تاريخ: 4 أغسطس 2025



CERTIFICATE OF COMPLETION

is presented to :

Engr.Mohammad Falah

for attending MIDAS April Session - Midas Intro Session: Simulate Concrete Cracking and Cracked Section Behaviors Using Various Approaches

AIA CES MEN20220401, Session Number 2

Completed on 04/13/2022

Location: Online

Earning:

1 of AIA Approved Learning Units

Bede Yoo - MIDASoft Inc.

ORGANIZER



AIA
**Continuing
Education**

AIA Provider: 404109529

The Training and Development Department
of Saudi Council of Engineers is Hereby
Granted This Certificate to

MOHAMMAD ISSA FALAH

Has Successfully Completed

Conceptual Design for Architects using Autodesk Solutions-
Conceptual Massing & Visualization using Autodesk Revit

Seminar Duration

2

Seminar Date

27/09/21

الأمين العام المكلف

م. عبد الناصر بن سيف العبد اللطيف

يسر إدارة التدريب والتطوير بالهيئة
السعودية للمهندسين أن تمنح هذه
الشهادة إلى

محمد عيسى فلاح

لإتمام ندوة

Conceptual Design for Architects using Autodesk Solutions-
Conceptual Massing & Visualization using Autodesk Revit

عدد الساعات

2

تاريخ الندوة

27/09/21

مدير إدارة التدريب والتطوير

م. محمد بن سليمان العذل



This is to certify that

Mohammed Falah

has successfully attended the

PTV Vissim - Introduction to Microscopic Traffic Flow Simulation

from 08th – 09th, March 2023.

The following topics were covered:

- Objectives and tasks of microscopic simulations
- Modelling of the transport supply side on the open road and at intersections (priority rules and signal control)
- Modelling of the traffic demand with input flows and route
- Overview of public transport line modelling
- Tasks involved in traffic studies with microscopic simulation
- Required input data for supply and demand modelling
- Overview of the empirical data which can be used for calibration
- Calibrating a PTV Vissim model
- Introduction to Evaluation of a transport network/model



Manraj Singh Bains

Position

PTV Certified Trainer No. 150

Dubai, UAE, 21.03.2023

This is to certify that,
Mohammed Falah

has successfully attended the
PTV Visum - Introduction to the Fundamentals of Transport Planning
from 29th – 30th, March 2023.

The following topics were covered:

- PTV Visum network model - structure and processing. Explanation of network objects and correlation of basic elements.
- PTV Visum network check and validation.
- Network data import from third-party systems (e.g. shape file import).
- PTV Visum graphic parameters – simple introduction.
- Assignment procedures – Modeling of route choice decisions for private transport.
- Simple public transport assignment procedure for PuT demand segments.
- Scenario management (project definition).



Manraj Singh Bains

Position
PTV Certified Trainer No. 150

Dubai, UAE, 30.03.2023

The Training and Development Department
of Saudi Council of Engineers is Hereby
Granted This Certificate to

MOHAMMAD ISSA FALAH

Has Successfully Completed

Inspection & Evaluation Of Bridges

Course Duration

15

Course Date

18/08/22

يسر إدارة التدريب والتطوير بالهيئة
السعودية للمهندسين أن تمنح هذه
الشهادة إلى

محمد عيسى فلاح

لإتمام دورة

فحص وتقييم الجسور

عدد الساعات

15

تاريخ الدورة

18/08/22

الأمين العام المكلف

م. عبد الناصر بن سيف العبد اللطيف



مدير إدارة التدريب والتطوير

م. محمد بن سليمان العذال

This is to certify that,
Mohammed Falah

has successfully attended the
PTV Vistro - Online Training on 06th, April 2023.

The following topics were covered:

- Background images and Bing Maps.
- Network Setup.
- Signal timing development.
- LOS analysis with Highway Capacity Manual (HCM), Canadian Capacity Guide (CCG) and other methodologies.
- Scenario management.
- Signal timing optimization of intersections, corridors and networks.
- Traffic impact analysis network setup.
- Development trip tracking.
- Mitigation analysis.



Manraj Singh Bains

Position

PTV Certified Trainer No. 150

Dubai, UAE, 06.04.2023