

# MUHAMMAD ZUHAIB KHAN

## BIM Modeler – Architecture & Structure

Riyadh, Saudi Arabia

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Driving License: KSA

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### PROFESSIONAL SUMMARY

Architectural & Structural BIM Modeler with strong experience in developing, coordinating, and managing Revit-based BIM models for residential, commercial, and structural projects. Skilled in LOD 300–400 modeling, clash detection, and preparing detailed shop drawings. Experienced in performing site visits, verifying dimensions, collecting field data, resolving discrepancies, and updating as-built models. Adept at working under ISO 19650 workflows and supporting multidisciplinary coordination to ensure accurate and constructible design delivery.

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### CORE SKILLS

- Architectural & Structural BIM Modeling (Revit)
- LOD 300–400 Model Development
- Navisworks Manage (Clash Detection & Reports)
- Shop Drawings & Construction Documentation
- Quantity Takeoff (BOQs)
- BIM Coordination (Arch–Str–MEP)
- Site Visits, Field Verification & As-Built Updates
- BIM Execution Plans (BEP)
- ISO 19650 | IFC Standards
- AutoCAD | Civil 3D (Basic)
- 3ds Max | BIM 360 | MS Office

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### PROFESSIONAL EXPERIENCE

#### *3D Designer*

#### *Al Najleen Group – Real Estate Marketing*

*Riyadh, Saudi Arabia | Feb 2025 – Jun 2025*

- Created detailed architectural 3D models and visualizations for marketing and design approval.
- Coordinated with sales, architects, and project teams for accurate model representation.

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#### *BIM Modeler – Commercial Building Projects*

#### *ALHC Construction*

*Islamabad, Pakistan | Jun 2021 – Jul 2024*

- Developed architectural and structural Revit models for residential and commercial buildings.
- Conducted site visits to verify dimensions, construction progress, and structural alignments.
- Updated BIM models to match field conditions and prepared accurate as-built drawings.
- Performed clash detection using Navisworks and resolved coordination issues with MEP & structural teams.
- Prepared shop drawings: plans, elevations, sections, rebar views, schedules, and detailed sheets.
- Ensured compliance with ISO 19650 BIM standards and project specifications.

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#### *BIM Modeler – Gomal Zam Dam (Canal Distributaries)*

#### *NESPAK – National Engineering Services Pakistan*

*KPK, Pakistan | Oct 2018 – May 2021*

*Client: Water Management Department*

- Modeled structural and civil components for hydraulic structures using Revit & AutoCAD.

- Performed field visits to collect measurements, verify layout accuracy, and coordinate with survey teams.
- Updated drawings and design models based on site conditions.
- Delivered technical drawings and supported multidisciplinary engineering teams.

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#### *Civil Draftsman – Northern Bypass Road*

##### *Engineering Associates*

*KPK, Pakistan | Aug 2016 – Sep 2018*

*Client: National Highway Authority*

- Drafted structural, geometric, and alignment drawings for project execution.
- Assisted during site inspections and updated drawings based on real-time progress.

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#### *Civil Draftsman – Takht Bhai Flyover*

##### *Engineering Associates*

*KPK, Pakistan | Jun 2013 – Aug 2016*

*Client: National Highway Authority*

- Prepared structural drawings for piers, girders, columns, and retaining walls.
- Performed multiple site visits to verify reinforcement details and dimensional accuracy.

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### **KEY RESPONSIBILITIES**

- Conducted regular site visits for measurement verification, progress checks, and field data collection.
- Updated BIM models to reflect real construction conditions and created accurate as-built drawings.
- Executed clash detection and produced coordination reports for architecture, structure, and MEP.
- Prepared detailed shop drawings, layouts, and structural documentation for construction.
- Ensured model accuracy, constructability, and compliance with ISO 19650 processes.
- Coordinated with consultants, contractors, and site teams to resolve design and execution issues.
- Generated BOQs, quantity takeoffs, and material schedules to support project planning.

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### **EDUCATION**

Associate Engineer – Civil Technology

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### **CERTIFICATIONS**

- Autodesk Certified Professional – Revit

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### **SOFTWARE PROFICIENCY**

**Revit | Navisworks | AutoCAD | Civil 3D | BIM 360 | InfraWorks | 3ds Max | Microsoft Office**

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### **LANGUAGES**

- English
- Arabic



مجموعة النجلىن  
ALNAJLEEN GROUP

**AL NAJLEEN GROUP, RIYADH**

**Date: June 2025**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Muhammad Zuhaib Khan** was employed with Al Najleen Group, Riyadh as a **3D Designer** – Real Estate from February 2025 to June 2025.

During his tenure, he was responsible for:

Creating 3D visualizations and realistic architectural models for real estate projects.

Preparing renderings to support project presentations.

Assisting the design team in planning and design coordination.

Mr. Khan consistently demonstrated creativity, technical expertise, and professionalism. He proved to be a valuable member of our team, and we wish him continued success in his career.

**Authorized Signatory:**

**Engr. Saad**

**Chief Executive**

**Al Najleen Group, Riyadh**



**Date: 15 July 2024**

To Whom It May Concern,

This is to certify that **Mr. Muhammad Zuhaib Khan** was employed with ALHC Construction Company as a BIM Modeller from **June 2021 to July 2024**. During his tenure, he was actively involved in our Commercial Tower Development Project, one of our key commercial projects.

**Mr. Muhammad Zuhaib Khan** was responsible for:

Developing and managing 3D BIM models using Revit, Navisworks, AutoCAD, and Civil 3D in compliance with project requirements.

Preparing coordinated drawings and shop drawings for architectural, structural, and MEP disciplines. Assisting in clash detection, resolving design conflicts, and supporting project teams in delivering accurate construction documents.

Ensuring that BIM models adhered to company and industry standards, including ISO 19650 workflows.

Collaborating with engineers, architects, and project managers to streamline project execution through digital construction methods. Throughout his employment, he consistently demonstrated professionalism, strong technical expertise, and a commitment to delivering high-quality outputs within deadlines. His contribution significantly enhanced the efficiency of project coordination and documentation. We found **Mr. Khan** to be a dedicated and valuable team member, and we wish him every success in his future endeavors.

Should you have any queries regarding his employment, please feel free to contact us.

Sincerely,  
Abdul Rehman  
Project Director  
ALHC Construction Company



**Project Director**



**Ministry of Water Resources and Management**  
**Project of Cannal Distributries Gomal Zam Dam, Kulachi**



**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Muhammad Zuhaib Khan was employed with NESPAK (National Engineering Services Pakistan) as a BIM Modeller from August 2018 to May 2021. He worked on the Water Management Department – Gomal Zam Dam Canal Distributaries Project, where he was responsible for developing and managing BIM models, preparing coordinated drawings, and supporting project teams in design and documentation.

During his tenure, he demonstrated professionalism, technical expertise, and commitment to quality work. We found him to be a hardworking and valuable team member, and we wish him success in his future endeavors.

Sincerely,

Engr. Irshad  
Project Director  
NESPAK





## TO WHOM IT MAY CONCERN

This is to certify that Muhammad Zuhaib Khan served as a Civil Draftsman at the National Highway Authority from August 2016 to Sep 2018

During this period, [he/she/they] was involved in preparing civil and infrastructure drawings, including road alignments, cross-sections, and structural details. He used drafting software such as AutoCAD and Civil 3D to support project design and execution. His work was accurate, timely, and met the required engineering standards.

We appreciate [his/her/their] contributions to our projects and wish him continued success in the future.

Sincerely,

General Manager

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**Address:**

Ministry of Communications, 27 Mauve Area, G-9/I, Islamabad, Pakistan  
www.NationalHighwayAuthority.org.pk. General Inquiries: (+92-51) 9260412 Fax: (+92-51) 9261055



Date: 12-08-2016

### TO WHOM IT MAY CONCERN

This is to certify that **Muhammad Zuhair Khan** has worked with [Engineering Associates as a BIM Specialist & Draftsman from **June 2013 to Aug 2016**. During this period, he was assigned to the Flyover Bridge Project and made significant contributions to both design and drafting efforts.  
His responsibilities included:

Developing and managing 3D BIM models for the flyover bridge structure using AutoCAD Civil 3D and other BIM tools. Preparing 2D and 3D drawings, construction documentation, and shop drawings with accuracy and adherence to project standards. Coordinating with structural, architectural, and MEP teams for clash detection and seamless integration of models.

Assisting in quantity take-offs, cost estimation, and project scheduling using BIM tools. Supporting the project team in design review meetings and progress coordination with stakeholders.

**Zuhair** demonstrated technical expertise, professionalism, and dedication, contributing greatly to the successful execution of the project.

We wish him continued success in all future endeavors.

  
General Manager

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**Address:**

Ministry of Communications, 27 Mauve Area, G-9/I, Islamabad, Pakistan

[www.NationalHighwayAuthority.org.pk](http://www.NationalHighwayAuthority.org.pk). General Inquiries: (+92-51) 9260412 Fax: (+92-51) 9261055



# Learning Revit 2025

Course completed by Muhammadzuhaib khan  
May 10, 2025 at 02:30PM UTC · 6 hours 2 minutes

Top skills covered

Revit

Head of Global Content, Learning



Certificate ID: b3e2460817bea8b6db845c6729189298d92945c71078668a75595d1debe0522d

# Revit 2019: Essential Training for Structure (Imperial)

Course completed by Muhammadzuhaib khan  
May 10, 2025 at 10:38AM UTC • 6 hours 19 minutes

Top skills covered

Structural Modeling

Revit



Head of Global Content, Learning



Certificate ID: 38cd343fe84cc2939b4a845671671f2c6af542ff18c4b324a57dbbf7b0185920

# Navisworks Advanced

Course completed by Muhammadzuhaib khan  
Jun 07, 2025 at 03:05PM UTC • 3 hours 13 minutes

Top skills covered

Navisworks



Head of Global Content, Learning



Certificate ID: 01fe9a2f75f5de60ea061d5fbc73a8517dac5f82cdd945e44ca7481f2e721c7e

Serial No. 43748

Roll No 624722



**Khyber Pakhtunkhwa Board of Technical Education**



**PESHAWAR (PAKISTAN)**

**DIPLOMA OF ASSOCIATE ENGINEER**

**Civil Technology**

Session Annual 2012

Certified that Mr./Miss MUHAMMAD ZUHAIB KHAN

Son/Daughter of MUHAMMAD KHALID

Registration No. GPD/DIK/CT/09-29738

of GOMAL POLYTECHNIC INSTITUTE D.I.KHAN

has passed the Diploma of Associate Engineer CIVIL TECHNOLOGY

Examination held by the Khyber Pakhtunkhwa Board of Technical Education, Peshawar in the month  
of May 2012

He/She secured 2370 Marks out of 3350 and has been placed in  
Grade A

*In recognition thereof, this  
Diploma of Associate Engineer*

*is awarded to him/her at Peshawar on the 30Th day of October 2014*

  
**ASSISTANT SECRETARY**

  
**SECRETARY**

*This Diploma is issued without any alteration or eraser*



DIPLOMA OF ASSOCIATE ENGINEER ISSUED BY THE BOARD OF TECHNICAL EDUCATION IS HELD EQUIVALENT TO F.A/F.Sc(PRE-ENGINEERING) OF THE BOARDS OF INTERMEDIATE AND SECONDARY EDUCATION IN PAKISTAN VIDE A BOOK OF EQUIVALENCY OF EDUCATIONAL CERTIFICATE IN PAKISTAN PUBLISHED BY THE GOVERNMENT OF PAKISTAN MINISTRY OF EDUCATION, INTER BOARD COMMITTEE OF CHAIRMEN, ISLAMABAD.

**ATTESTED**  
**EVALUATION PLAN**

1. 80% and above.....
2. 70% and above but less than 80% .....
3. 60% and above but less than 70% .....
4. 50% and above but less than 60% .....
5. 40% and above but less than 50% .....
6. 33% and above but less than 40% .....



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**M A REHMAN UTMANKHEL**  
Assistant Secretary Attestation  
Inter Board Committee of Chairmen  
Govt Of Pakistan  
Ministry of Federal Education and  
Professional Training Regional Office Peshawar

04 JUL 2024

02 FEB 2024

Proposed/Prepared by \_\_\_\_\_

Checked by \_\_\_\_\_

Checked by Mr. Murad Ullah  
(APC-2)

KINGDOM OF SAUDI ARABIA  
MINISTRY OF INTERIOR

رخصة قيادة  
DRIVING LICENSE

المملكة العربية السعودية  
وزارة الداخلية

MUHAMMAD ZUHAIB KHAN MUHAMMAD KHALID

محمد سيب خان محمد خالد



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