

# EHTISHAM HABIB

Civil Engineer | Project Engineer | Project Manager |

As a dedicated engineer, my professional focus centers on employing innovative technologies to address intricate challenges. I possess a keen interest in projects aligned with specific United Nations Sustainable Development Goals (SDGs), including Industry, Innovation & Infrastructure (#9), Climate Action (#13), and Sustainable Cities & Communities (#11). Beyond proposing solutions, my commitment extends to the meticulous execution of projects. I am eager to contribute my expertise to initiatives that align with these SDGs, aiming to make a positive and lasting impact.

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[Video Introduction Link](#)

## PROFESSIONAL EXPERIENCE



### Project Manager

Tahzib Engineering Services (TES) – Islamabad, Pakistan  
Aug 2022 – Present

- Structural revamping of a multistory building at U.S. Embassy Islamabad.
- Transformation of Hospital to Warehouse, Construction of Elevator Well.
- Using Carbon Fiber Reinforced Polymer (CFRP) to enhance the structural stability and strength.



### Deputy General Manager - Projects

Steelman Ltd. (Concrete Canvas) – Islamabad, Pakistan  
Nov 2021-July 2022

- Introduced 'Geosynthetic Cementitious Composite Mat – GCCM' as a new lining material to replace conventional concrete in various lining applications in the irrigation sector to save time with reduced CO<sub>2</sub> emission.
- Travelled along with international guest and successfully conducted trials at Punjab and Sindh provinces along with Ministries of Irrigation.
- The technology was intended to assure water security of the region.



### Marketing & Sales Engineer

Freyapak Ltd. (Reinforced Earth) – Islamabad, Pakistan  
Apr 2020 – Dec 2020

- Promoted MSE walls against the conventional RCC retaining walls.
- Submitted tenders and developed database for consultants and contractors.
- Executed a project named 'Hakla Interchange Bridge - M1 Motorway'.
- Travelled to far-flung areas of Northern Waziristan (Tribal Area) for execution of project.



### Technical Sales Executive/Engineer

VPL Ltd. (HILTI) – Islamabad, Pakistan  
Mar 2018 – Mar 2020

- Promoted HILTI products to add value in the construction industry.
- Executed several projects related to re-strengthening of civil structures.
- BOQ, Tender submission, Project Execution, Quality Control, and Progress Management.



### Field Engineer

H.S. Ahmedally (Fischer) – Islamabad, Pakistan  
Oct 2016 – Jan 2018

- Grabbed projects related to re-strengthening and firestopping of structures.
- Executed several earthquake struck structures in the North region.
- Revamped Cement Industry Structures in various security wise challenging locations.

## VOLUNTEER EXPERIENCE



### Project Manager – Finland (Volunteer)

Tomkulak – Remote  
Nov 2023 – Present

- Spearheading the coordination and advancement of a transformative initiative, aiming into a cohesive infrastructure system for the Arctic nations.
- Contributing to the formalization of the MOU, fostering peaceful integration and cooperation among Arctic nations.

## OFFICIAL FOREIGN VISITS



### UNITED ARAB EMIRATES

– 2017

Training (Anchor Design & Passive Firestop) by Fischer Fixings.

## EDUCATION

### MS - Engineering Management

2017 – 2019

Riphah International University • Islamabad, Pakistan

Thesis Title: 'Analysis of Impact of Value Engineering and Quality Assurance on Project Success using Technology Innovation as Moderator'

### BS - Civil Engineering

2011 – 2015

Balochistan University of IT, Engineering & Management Sciences (BUIEMS) • Quetta, Pakistan

## CONTRIBUTION IN MAJOR PROJECTS

- U.S. Embassy Islamabad
- Amazon Mall
- Bestway Cement Plant
- Imperial Towers
- Movenpick Hotel
- Cherat Cement Plant
- Kashmir Highway Bridge
- Islamabad International Airport

## KEY TECHNICAL SKILLS

- Proposal Writing
- Contract Management
- Analytical Skills
- Team Management
- Supply Chain Management
- Cultural Sensitivity
- Health & Safety
- ERP Softwares (SAP, Decibel)
- Value Engineering
- Innovative Technologies
- Problem-Solving
- Inspirational Communication
- Conflict Resolution
- Quality Control

## PROFESSIONAL COURSES

- Google – Foundations of Project Management – 2022
- Belgium KU Leuven – Irrigation Efficiency: More Food Less Water – 2022
- Australian Geofabrics – Designing GCCM to ASTM Standards – 2022
- Titan Enviro – Erosion Control Solutions for High Performance – 2022
- Harvard University – Contract Law – 2020

## SOFTWARE CERTIFICATIONS

- National Institute of Design and Analysis (NIDA), Pakistan
- Road Design and Calculations – Oct 2015
- SAP 2000 (Structure Design) – Oct 2015
- AutoCAD Civil 3D (Road Cal.) – Oct 2015

## PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE) – No: 9777054
- Pakistan Engineering Council (PEC) – No: 39824
- Pakistan Engineering Congress (PEC) – No: 5647

## LINGUISTIC ABILITY

- English (IELTS Bands 7) – Fluent
- Finnish – Basic
- Urdu, Punjabi, Hindi – Fluent