

Salman Ullah – Senior Civil Engineer



Iqama No. 2612202917 – **Transferable**
Location: Riyadh, Saudi Arabia|
Languages: English, Urdu, Pashto
Phone: 053 245 3534
Nationality: Pakistani
SCE Membership: 1167294
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Professional Summary

Civil Design Engineer with **9+** years of progressive experience in the design and supervision of hydraulic and irrigation infrastructure mostly in **World Bank funded Projects**. Specialized in small dams, tunnels, canals, drainage structures, and site inspections across major projects in Sindh, Punjab, and KPK. Proven expertise in feasibility studies, hydraulic modeling, groundwater analysis, and water budgeting. Adept in L-section/cross-section preparation, BOQ development, and technical reporting aligned with international standards.

Core Competencies

- Design of Low head Diversion Dams / Barrages for Surface and Sub -Surface Flow Conditions.
- Hydraulic Design of Cross Regulator, Head Regulator of Main Canal and Distributary Canal.
- Design of and Remodeling of Irrigation Channel using Lacey's and Manning Approach.
- Design of Gravity Based Irrigation System for a Proposed Area.
- Design of Outlet and Water Courses, Design Discharge of Main / Distributary Channel.
- Capacity Statement of Irrigation Channel.
- Design of Cross Drainage Works (Syphon and Aqueducts)
- Preparation of PC-1 Report of projects relating to Irrigation & Water Resources Sector.
- Preparation of BOQ & Tender Drawings. (Feasibility Level)
- Good at Statistical Analysis work i.e. Hydrological Analysis, Meteorological Analysis, Frequency Analysis etc.
- Groundwater Analysis i.e. Quality, Recharge, Extraction Measurement by using different techniques
- Seepage Analysis (Groundwater Investigations)
- Agronomic Studies (Crop Water Requirements, Cropping Pattern and Irrigation Intensity)
- Crop water Budget estimation by using different estimation methods.
- Design of sewerage system i.e. Per capita Calculations, Expected Population of an area, Calculation of Design Discharge and Minimum Cleansing Velocity, Invert Levels, and Diameter of Pipes, Design of Manholes.
- Good Report Writing and Presentation Skills (Progress Report, Feasibility Report, Project Brief Report, Short Notes, Concept Paper, Progress Presentations, Project Overview Presentations, Completion Presentations)
- Good at Site Management for a Construction Project.

- Good at Administrative works
- Good at correspondence with project parties to build and maintain a good relationship between them.

Professional Experience

Senior Hydraulic Engineer – G3 Engineering Consultants (Pvt.) Ltd.

Jan 2017 – June 2025 | Pakistan

Projects:

- Sindh Flood Emergency Rehabilitation Project Phase-II (SFERP II)
- Construction Of New Karachi Canal from Head Regulator to Hub Pumping Station
- Sindh Flood Emergency Rehabilitation Project Phase-I (SFEREP-I)
- Remodeling & Rehabilitation of NW Canal & Kirthar Canal
- Feasibility Study for Construction of Catch Water (Saline) Drain from Quarry Sites of Mines and Mineral Department (Chak No. 116, 123 And 126), District Sargodha to Faqeeria-Sillanwali Drain
- Design Review and Construction Supervision of Construction and Rehabilitation of Warsak Left Bank Canal District Mohmand.
- Feasibility Study & Design Of 50+ Small Dams – Sindh Irrigation Dept.
- Socio Impact Assessment of Small Dams in Sindh Province
- Cement Concrete Lining of Rohri Main Canal – Sindh
- Feasibility Study for Remodeling of Warsak Left Bank Canal – KPK
- River Ravi Seepage Utilization Study to meet the drinking water needs of Lahore City – Punjab

Key Responsibilities:

- Hydraulic design of canals, dams, and cross drainage structures
- Feasibility reports, L-sections, BOQs, cost estimates
- Groundwater quality impact assessment and seepage analysis
- Site visits, data collection, and coordination with government bodies

Trainee Engineer – NESPAK

Aug 2016 – Jan 2017 | Lahore, Pakistan

Projects:

- Pakistan Irrigated Agriculture Investment Program (PIAIP)
- Lahore Orange Line Metro Train Project – Package-01

Key Responsibilities:

- Assisted in design and planning of barrages and canals
- Supervised construction activities – piles, transoms, grouting
- Performed technical documentation and inspection

Education

M.Sc. Civil Engineering – FAST-NUCES Lahore, Pakistan -
B.Sc. Civil Engineering – FAST-NUCES Lahore, Pakistan
Intermediate – Islamia College Peshawar, Pakistan

In Progress

Technical Skills

AutoCAD, 3D Max, SketchUp,
ArcGIS, Primavera P6, EPANET, HEC-SSP, MS Office.

Certifications & Memberships

- Registered Civil Engineer – Saudi Council of Engineers (SCE)
- Registered Civil Engineer – Pakistan Engineering Council (PEC)
- Multiple training workshops in hydraulic modeling, groundwater management, and civil software tools
- Ex-Member of ACE NUCES Students Chapter
- Member of Alumini Advisory Board – Civil Engineering Department FAST NUCES, Lahore Pakistan

Membership no.:1167294

عضوية رقم: 1167294

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:

SALMAN ULLAH ABDUL SABOOR

Membership Category: Engineer

Specialization: Civil Engineering

Membership Start Date: 8/24/2025

سلمان الله عبد ال صبور

فئة العضوية: مهندس

التخصص: هندسة مدنية

تاريخ بداية العضوية: 8/24/2025

This Certification is valid until: 24 August 2026

هذه الشهادة صالحة إلى تاريخ: 11 ربيع الأول 1448



الأمين العام Secretary General

المكلف / م. فيصل بن عبدالله اليمني

Ref: G3/ADMIN/EXP/14666

Dated: July 01, 2025

TO WHOM IT MAY CONCERN

This is certified that Engr. Salmanullah holding CNIC# 15602-4219873-9 has worked with G3 Engineering Consultants (Pvt.) Ltd as Hydraulic Design Engineer at G3 Head Office from 28th January 2017 to 30th June 2025.

Engr. Salmanullah is an intelligent, efficient and responsible person with a highly positive attitude. He is always ready to take new challenges in the profession. He keeps excellent working relationships with his colleagues.

We consider him to be one of the most valuable members of our professional team.

For & Behalf of
G3 Engineering Consultants (Pvt.) Ltd.



(Syed Khurram Gillani)
(Manager HR)

CC:

- Personnel File