

Hasher Sheikh

Versatile professional, well-versed
in civil engineering practices

Personal details



Hasher Sheikh



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Lahore, Pakistan



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Software Skills

AutoCAD

Civil 3D

Hydrology and Hydraulics

HydroCAD

Microsoft Office

Certificates

[AutoCAD Civil 3D: Site Design](#)

[AutoCAD Civil 3D: Plan Production](#)

Languages

■ English

■ Urdu

Hobbies

■ Book Reading

■ Travelling

Education

Bachelor of Science in Civil Engineering

2014 - 2018

University of Engineering and Technology, Lahore

Intermediate

2011 - 2013

Government College University, Lahore

Matriculation

2011

The Punjab School, Lahore

Employment

Keystone Civil Design LLC

2025- Present

Working as **Site Design Engineer**, (Remote office, Lahore)
(USA-Based Engineering Firm)

- **Mentoring the engineering team** through technical guidance and training in civil design, covering everything from core principles to detailed project execution.
- **Leading the engineering team** by overseeing design activities, guiding project workflows, and maintaining technical quality across deliverables.
- Playing an active role in **Business Development** by joining client meetings, nurturing long-term client relationships, helping with proposals and project coordination, and contributing to strategic efforts that expand the company's business.
- Managing the full **permitting process** by engaging with regulatory agencies, securing all necessary approvals, and preparing comprehensive supporting documentation.
- Coordinating **site layout** work for land development, ensuring efficient lot sizing and well-planned site configurations.
Leading **site grading design** by preparing detailed grading plans and ensuring efficient, accurate, and well-coordinated site layouts.
- Coordinating **drainage and detention design** activities, including stormwater management planning and detention system development.
- Conducting **hydraulic analyses and generating hydrographs** in Civil 3D to determine storage requirements, support detention pond design, and complete overall site flow analysis.
- Supervising **sanitary and water layout** planning within utilities design for different project needs.
- Managing the development of **SWPPP documents and erosion control plans**, ensuring adherence to all stormwater regulations and project requirements.

Heights Engineering LLC

2018 - 2025

Working as **Civil Design Engineer**, (Remote office, Lahore)
(USA-Based Engineering Firm)

- Developed detailed **2D AutoCAD designs** and drafts project specifications and engineering standards and details.
- Designed and implemented effective **stormwater drainage & detention** calculations and on-site detention facilities.
- Expertly handled **site grading plans** and floodplain mitigation strategies, ensuring compliance with regulatory standards.
- Design of various **detention storage facilities**, including grass ponds, concrete ponds, and underground vaults, optimizing space utilization and functionality.

- Conducted comprehensive **detention calculations** and created **hydrographs** using runoff methods for accurate flow analysis.
- Design of **site plans** for commercial buildings such as C-Stores, Retail outlets, and Warehouses including parking analysis, sidewalk design, ADA design, fire access lanes, and 3D modeling.
- Designed and managed **sanitary and waterline systems**, including force main pump designs, ensuring compliance with health and safety regulations.
- Specialized in **TxDOT Driveways design** and hydrograph calculations, aligning with TxDOT standards and requirements.
- Designing **sediment and erosion control** and storm water pollution prevention plans with all the relevant details and notes
- Creating **Traffic control plans**.

Chance Civil Consultant

2023 - 2024

Worked as Civil Design Engineer (Part time, Remote office, Lahore)

(USA-Based Engineering Firm)

- Designed of **site plans** for commercial and residential lots.
- Created detailed **land development** plans for various project sites, including 1-acre and 2-acre lots layouts.
- Created **sediment and erosion control** plans with all the relevant details and notes.

**For a comprehensive view of my projects work and portfolio,
please visit my LinkedIn profile:**

[LinkedIn Profile](#)