



Muhammad Ahsan

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Dedicated Environmental Engineer with a passion for sustainable solutions. Proven track record in implementing innovative strategies for waste management and pollution control.

EDUCATION

National University of Sciences and Technology
Bachelors in Environmental Engineering

07/2020 - 06/ 2024

Punjab College, Gujrat
F.Sc Pre-Engineering

08/2017 - 04/2019

WORK EXPERIENCE

Servis Industries Limited, Gujrat
Intern

06/2023 – 08/2023

- Conducted comprehensive risk assessments across various departments to identify potential hazards and develop mitigation strategies.
- Assisted in the implementation of safety protocols and procedures to ensure compliance with regulatory standards.
- Participated in site inspections to evaluate workplace conditions.
- Collaborated with HSE team members to organize and deliver safety training sessions.
- Contributed to the development of emergency response plans and procedures.
- Supported incident investigations by gathering and analyzing relevant data to determine root causes and prevent future occurrences.
- Demonstrated strong organizational skills in managing documentation and records related to HSE activities.

PROJECTS

1. Design and Performance Evaluation of DEWATS for Sustainable Fecal Sludge Treatment.
2. Analyzed and prepared a proper PC-1 Report.
3. Risk Assessment for Nust Medical Center.
4. Designed an Anaerobic Digester for Solid Waste Management for Nust.
5. Designed a Plan for School Building in Autocad.
6. Designed surface water treatment plant as Complex Engineering Problem for our "Water Treatment and Design" course.
7. Reviewed an EIA Report and presented its limitations and enhanced it.
8. Prepared Audit Reports, Near Miss Reports during internship.
9. Did Risk Analysis and Risk Assessment for Servis Industries Limited and NUST Medical Center.
10. Participated in Proper Audit of Servis Industries Limited.

CERTIFICATIONS

- "Learn Figma for UI UX Design" Online Course, UDEMY
- "Urban Innovation: Urban Social Equity" Online Course, UDEMY
- "Complete Web Development Bootcamp 2021" Online Course, UDEMY

SKILLS

Leadership Skills
Strategic and Analytical Thinking
Teamwork and Collaboration
Communication Skills
Deadline Oriented

HTML, CSS, JavaScript, React
Microsoft Outlook
Social Media Management
MS Word, Excel, PowerPoint
Figma

AutoCAD Design and Drafting
MATLAB, ArcGIS, EPA-net
GPS-X
Engineering Design Development
Renewable energy solutions