Shalini Seenu Pillai

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EDUCATION

New York University, Tandon School of Engineering, New York   May 2025

Master of Science in Environmental Engineering,   GPA: 3.889/4.0

Modelling Fate and Transport of Surface Water Pollution, Solid Waste Management, Water and Wastewater Treatment, Hydrology, Wetland Design for Water Quality Improvement

Kumaraguru College of Technology, Tamil Nadu, India   June 2022

Bachelor of Engineering in Civil Engineering, First Class with Distinction,   CGPA 9.33/10

Air and Noise Pollution Control, Surface Water Hydrology, Environmental Engineering, Remote Sensing and Geographic Information Systems

Received Scholarship 3 times for Maintaining GPA above 9.0/10.0

EXPERIENCE

Environmental Intern, **Qatar Design Consortium**, Doha, Qatar   Jan 2023 – Aug 2023

- Prepared Environmental Management Plan reports to be included in Environmental Impact Assessment by reviewing Scope of Work documents.
- Quantified demolition waste for inclusion in Waste Management report through detailed analysis of drawings.
- Compiled an Environmental Risk Register through careful review of process descriptions and scope of work documents.
- Compiled groundwater, noise, and soil monitoring data for various projects.
- Preparation of fee proposals for Design & Supervision for various engineering disciplines (Environment, structural, MEP, ELV etc.) by technical writing.

Civil Engineering Intern, **ASTAD**, Doha, Qatar   Mar 2022- May 2022

- Assisted in monitoring construction quality/materials/fieldwork during the construction of a new hospital building and a substation by studying Shop Drawings
- Maintained a log of QA/QC documents.
- Monitored site tests to ensure fulfilment of project specification and local construction specification.
- Reviewed shop drawings, material submittals, method statement, ITP's, test reports in accordance with project specifications.

RELEVANT ACADEMIC PROJECTS

Mapping Groundwater Levels using ArcGIS.

Plotting of groundwater levels of the wells in the state of Tamil Nadu and displaying the chemical analysis data of these wells.

SOFTWARE SKILLS

ArcGIS, QGIS, STAAD.Pro, AutoCAD, GWSDAT, Microsoft Word, Excel and PowerPoint