**PROFESSIONAL PROFILE**

**TECHNICAL AND MANAGEMENT**

* Bachelor and Master Degree in Environmental Engineering, (Engineer in Training, P.Eng registration)
* 6+ years of diversified engineering experience in environmental and municipal projects
* Extensive experience in planning and designing engineering project management and modeling
* Develop and prepare technical drawings from field measurements and site monitoring, technical calculation, calibrate and set up equipment
* Knowledge of federal/provincial/local standards MNR and MOE, regulations and polices relating to design and planning within Ontario Environmental management, monitoring, site assessment (Phase one and two), and remediation
* Experienced in preparing projects design tender and drawing to apply  permits and approvals
* Proficient in MS Office software (Word, PowerPoint, Excel, Outlook), AutoCAD and Arc GIS
* Excellent oral, written communication and technical report writing and reviewing skills
* Effective communication skills to manage and develop, attention to detail, and team worker
* Ontario G Class Driver License with access to a reliable vehicle

**PROFESSIONAL WORK EXPERIENCE**

**Environmental Specialist, EIT**

[S.O.E](mailto:Saiduz.Zaman@SaveOurEnvironment.ca) , Toronto, Canada (Oct 2016-Present)

* Prepare field testing (pH, conductivity, dissolved oxygen, etc.), detailed soil and rock descriptions, detailed drilling records, surface water flow measurements according to Ontario Protocol for Analytical Methods, used in the Assessment of Properties under Environmental Protection Act and standards
* Conduct historical land use research, site reconnaissance, and report writing for Phase I Environmental Site Assessment (ESA) projects according to CSA Standards
* Review reports, maps, drawings, aerial photography, and other topographical or geologic data in Phase I and II ESAs
* Develop alternative solutions after conducting the experiments and research activities for controlling the pollutants and other environmental hazards in projects
* Prepare and facilitate the submittal of proposals and scope of work preparation
* Develop communications strategies and provide technical assistance to clients and stakeholders
* Draft quality assurance review letters for sites registered on the MOE under the Comprehensive Environmental Response, preparing reports including Environmental Site Assessment Phase I, II
* Familiar with municipal, provincial and federal environmental regulations such as Ontario Regulation 153/04, including the filing of Records of Site Condition(RSC), and demonstrated experience preparing and submitting documents to MOECC under O. Reg.153/04 and standards
* Draft, plan and evaluate building and site condition record for taking permit and approval from bank or city
* Consulting with client regarding environmental responsibility and impacts from construction activity

**Soil & Water Analyst, Environmental Laboratory**

AGAT Laboratory, Toronto, Canada (Apr 2015 – Oct 2016)

* Identified environmental problems and hazards by testing water and soil samples
* Collected necessary data, enter it accurately, maintain and update the records and files related to it
* Implemented geo-environmental assessment such as: collecting soil and water sample
* Daily maintenance and calibrations on the LECO S4864 and ELTRA equipment, troubleshoot
* Performed post / final sulfur, Graphic Carbon, TC, TIC,TS, SO-2, SO-3,CR6 , heavy metal, PH, EC samples as per metallurgical standards
* Calibrate and set up equipment base on the standard before operation on daily basis
* Prepared analytical laboratory reports as well as interpretation of analytical results on daily basis
* Conducted Quality Assurance and Quality Control (QA/QC)
* Train employees on practices, precautions, and SOPs established

**Environmental Engineer**

Khuzestan Water and Power Authority (Jun 2005 – Dec 2014)

* Conducting inclusive studies of site specifications, sampling, monitoring all assigned environmental conditions, and analyzing pollution variables and impact assessment considering the environmental risks and regulations.
* Reporting on aspects of environmental work (remediation, monitoring, sampling, testing) for contaminated sites.
* Prepared SWM report and supporting documents based on the preferred design
* Planning and designing water processes, analysis technologies, hydrological and hydraulically modeling
* Prepared and developed and maintained Environment Management System (ISO 14001)
* Completed field studies, gathered and evaluated data including water sampling and flow measurement with portable and fixed measurement tools
* Visited sites and facilities to perform inspection on contaminated site
* Identification of plant specific environmental concerns and needs, monitoring, analysis, remedial and legal actions
* Administering all securities including permits and approvals as required from external agencies, and financial matters related to development applications
* Review Consultant engineering drawings to ensure compliance with corporate, federal, provincial, regional and Industry Standards and mentoring new employee

**Environmental Specialist**

SPM Consulting Engineering Company, (Jan 2002- May 2005)

* Inspected hydraulic structures and prepared technical reports according to guidelines
* Surface Water Monitoring Programs and Soil Pollution ; managed and coordinated including development and maintenance of project schedules and budget
* Digitized, analyzed and reported GIS data: spatial, attribute and surface
* Installed, maintained, calibrated and collected thousands of data points, samples and flow profiles from stream monitoring stations and easements, topographical data and contours
* Experienced on Municipal Class EA process related to Master Planning, Needs Assessment, and Feasibility Studies; as well as strong analytical and data evaluation skills to source and interpret data

**EDUCATION**

* Sustainability Management and Green Economy Certificate, [Ryerson University](https://www.linkedin.com/edu/school?id=10851&trk=prof-edu-school-name)
* Site Assessment, [Ryerson University](https://www.linkedin.com/edu/school?id=10851&trk=prof-edu-school-name)
* Project Management, [Ryerson University](https://www.linkedin.com/edu/school?id=10851&trk=prof-edu-school-name)
* MSc. In Environmental Engineering, Research and Science University
* BS In Science Engineering, Mahshahr University

**MEMBERSHIPS**

* Professional Engineers Ontario, Engineer In Training ,(P.Eng Registration )
* Water Environment Association of Ontario (WEAO)
* Canadian Water Recourses Association (CWRA)

**Project Specific Experience**

**Phase I Environmental Site Assessment, Medical Facility, Oshawa, Ontario**

* Conducted a Phase I Environmental Site Assessment (ESA) of the property located at 194 King Street West in Oshawa, Ontario. The Site consists of a two-storey multi-tenant commercial building and is occupied by three commercial units including one physiotherapy and massage services, and two doctor’s offices. The purpose of the Phase I ESA was to identify any actual or potential environmental contaminants associated with the subject property which exist as a result of current or past activities. **Phase II in progress.**

**Property Condition Assessment, Commercial Building, Toronto, Ontario**

* S.O.E was retained by Kingsway Manor Corporation and I conducted a Property Condition Assessment (PCA) of the multi-tenant commercial residential property located at 2896 Dundas St W, Toronto, Ontario. The purpose of the PCA was to visually examine and evaluate the present condition and material physical deficiencies of the onsite property elements, buildings and related structures. The assessment of the Subject Property was performed using methods and procedures that are generally consistent with good commercial and customary practice for conducting a baseline PCA, as described in the ASTM Standard E 2018-08.

**Architectural and Engineering Plans - Building Design, Toronto, Ontario**

* Prepared Architectural and Engineering plans in support of an application for a building permit for a property located on 10 Dallington Drive, Toronto, Ontario. The design included Site Plan, Floor Plans, Elevations, Foundation Plan, Sections, Floor Framing, Wall Framing, and Roof Framing base on Ontario Building Code.