**Education**

**Rutgers University, New Brunswick, NJ**

***Master of Science in Geological Sciences*** September 2020 – Present

*Teaching Assistant -Planet Earth Academic year 21-22*

***Bachelor of Science in Geological Sciences***May 2019

**Experience**

**Bureau of Ocean Management**

*Petroleum Engineer/Geologist/Geophysicist (GS-7 Student Trainee)* Jul 2022 – Oct 2022

* Well log processing in Powerlog 11.1
* 3D Seismic Data Processing in Petrel 2021
* Data gathering through daily well drilling reports, logs, Whole and Sidewall core analyses reports, etc
* Performed detailed geophysical and geological studies on Alaska OCS block areas to determine structure and stratigraphic delineation of oil and gas reservoirs.

**NYC Department of Environmental Protection**

*BWSO Intern* Jun 2021 – Aug 2021

* Review and Analyze designs to ensure compliance with DEP standards
* Analyze plans submitted to Plans Review unit related hydrology, structural and geotechnical engineering
* Research existing water and sewer records, investigation, studies to determine extent of infrastructure
* Prepare project reports and response letters

**Weeks Marine**  Jan 2020 – Apr 2020

*Dredging Field Engineer*

* Provide dredge with accurate surveys and vessel positioning to ensure accurate production measurements and correct location of channel, as per contract
* Provide hydrographic surveys required for project monitoring and payment quantities
* Maintain accurate documentation of survey activities
* Coordinate survey activities with the Project Engineer to meet schedule requirements
* Provide daily support of dredge procurement requirements
* Assist in the generation of daily reports and assembly and maintenance of proper job records

**ANS Consultants Inc.**  May 2019 – Nov 2019

*Field Inspector*

* Responsible for making concrete cylinder samples and writing on field reports
* Help do Pre-construction surveys of buildings surrounding a proposed building site and help write reports on the surveys
* Help with field investigation of soil boring on various properties to determine bearing capacity and soil properties
* Make location plans on Autocad
* Conduct Chloride test for concrete samples to determine chloride levels
* Water sampling for bacterial tests

**Field Camp 2018 by Missouri State University**  May 2018 – June 2018

* Completed Field Work over 6 weeks including making geologic maps while taking extensive field notes
* Created stratigraphic maps for two projects and cross sections for three projects
* Worked on projects in Missouri, Arkansas, New Mexico and Colorado

**Awards**

* Awarded Teaching Assistant appointment for 2021-22 academic year with full salary and benefits
* The William & Grace Sparks Undergraduate Field/Travel Award, 2018

**Certificate**

* Google Data Analytics Professional Certificate Dec 2021 – Nov 2022
* Scrum Master Jul 2022
* Rose and Associates Prospect Risk Course Sep 2022

**Skills**

* IHS Markit Kingdom, Petrel, Powerlog
* AutoCAD, SQL, R
* Proficient in Microsoft Office (Word, PowerPoint, Excel)
* Fluent in English**,** Gujarati, and Hindi