

# SERENA CABRAL

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Energy enthusiast with hands-on experience in Sustainable Technologies and Chemistry, eager to propel innovation in the Renewable Energy Sector. Looking to serve the organisation with the best of my abilities and to enhance my skills in order to contribute to the success and growth of the company.

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## SKILLS

ASPEN  
AutoCAD  
C++

C Language  
SQL  
ERP Systems

MATLAB  
Excel

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## PROFESSIONAL EXPERIENCE

**Khuff General Trading and Contracting Co.**

**June 2023- April 2024**

### Intern

- Conducted tender reviews and prepared quotations.
- Communicated with clients and principals regarding projects.
- Released orders and managed corresponding documentation.
- Proficient in working with ERP systems and Excel for data management and analysis.
- Conducted business developments activities to identify new clients aligning with criteria set forth by principal company.

**Kuwait Oil Company**

**June 2022- July 2022**

### Intern

- Internship at the Internal Corrosion Monitoring Laboratory at the Corrosion and Inspection Department at Kuwait Oil Company.
  - Internship was focused on core chemistry and real life applications of chemical processes.
  - Primary task involved daily inspection of oil samples for multiple parameters.
  - Acquired skills in oil sample analysis, bacterial culturing, metallurgy and other technical and laboratory skills.
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## ACADEMIC PROJECTS

### RESEARCH PROJECT

**February 2023- May 2023**

#### Exploring Synergistic Factors in Solar Energy Assisted Bio-digestion

- Led a project focused on integrating solar energy with anerobic digestion for sustainable organic waste management.
  - Introduced ultrasonication and optimized stirring techniques to enhance methane yield and reactor efficiency.
  - Currently preparing a paper detailing project findings for publication.
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## EDUCATION

**Manipal Institute of Technology**

**July 2019- June 2023**

Bachelor of Technology in Chemical Engineering