**Gurmanpreet Kaur**  
Chemical Engineer | 289-623-0109 | [Kau15059@sheridancollege.ca](mailto:Kau15059@sheridancollege.ca) | [LinkedIn/Gur](https://www.linkedin.com/in/inderpreet-singh-parmar-7abb23230/)manpreet Kaur

# PROFESSIONAL SUMMARY

As a motivated and detail-oriented Chemical Engineering student at Sheridan college with a strong analytical skills and hands-on experience in sample preparation, data analysis and monitoring chemical processes. Experienced in working with sophisticated instruments such as plasma-based spectrometers, HPLC and AAS. Proficient in using industry-standard software tools to enhance process designing, data analysis and reporting. Strong communication skills, organizational and teamwork skills with a proven ability to work in both individual and collaborative settings.

# EDUCATION & SCHOLARSHIPS

Sheridan College – Chemical Engineering Technology (PCETY), Brampton, ON (JAN 2023 – APR 2026)

# SKILLS

* **Analytical skills:** Proficient in performing chemical analysis and experiments including titration, distillation and chromatography. Familiar with sample preparations and conducting tests using laboratory techniques.
* **Instrumentation Proficiency:** Hands-on experience with analytical instruments such as Gas Liquid Chromatography (GLC), High performance liquid Chromatography (HPLC) and Spectrometers (UV-Vis, atomic absorption) ensuring accurate collection of Data.
* **Safety Protocols:** Thorough understanding of occupational health and safety protocols, including proper handling and storage of chemicals in accordance with WHMIS regulations.
* **Technical Report Writing:** Experienced in writing technical reports, summarizing the laboratory observations and documenting experimental procedure and outcomes in clear and concise method.
* **Teamwork and Collaboration:** Strong ability to work individually as well as in a team setting both in lab and project-based tasks contributing to collaborative problem solving and project execution.
* **Process Control and Instrumentation:** Knowledgeable in the fundamentals of process control systems, including calibration and the operation of PID controllers for regulating chemical processes.
* **Software proficiency:** Experienced in using Microsoft suite, Visio and ChemDraw and AutoCAD for performing calculations, designing and drafting chemical structures as well as engineering schematics.

# RELEVANT COURSEWORK CHEM16682 – Applied Chemistry 1 CHEM29479 – Instrumental Analysis 2 CHEM28432 – Analytical Chemistry ENGI30512 – Unit Operations 1 CHEM25415 – Instrumental Analysis 1 MATH27597 – Statistics ENGI35203 – Instrumentation and Process Control CHEM10371 – Lab Techniques

# PROJECTS

**Perfume Development Enthusiast**

2023 – Current

* Independently formulated and developed perfumes at home using safe and accessible techniques such as dilution, cold maceration, oil blending and cold extraction of essential oils from citrus.
* Utilized natural essential oils, alcohol-based solvents, and carrier oils to create balanced fragrance blends, focusing on top, middle, and base notes.
* Developed perfume clones of popular fragrances by experimenting with layering different scent components, ensuring accuracy and harmony in the final product.
* Practiced cold infusion of plant materials and citrus peels to extract natural oils, creating fresh and unique scent profiles.
* Demonstrated creativity and attention to detail while keeping thorough records of each formulation for reproducibility.

# EXPERIENCE

**Retail Associate**  March 2023 – April 2024

* Enhanced communication skills and interpersonal skills through direct interaction with the customers
* Handling customer complaints, resolving issues on the spot and making quick decisions to maintain a positive

shopping environment

* Working closely with other associates and managers to smoothly run the store.
* Adapting to customer needs, policy changes and unexpected situations in the store.