

# PREM

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## Summary

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Highly motivated graduate student with a strong foundation in backend development using SQL and cloud technologies such as Microsoft Azure. Experienced in building responsive and user-friendly web interfaces with HTML, CSS, and JavaScript, and well-versed in version control practices using Git and GitHub. Passionate about process automation, collaborative development, and presenting technical concepts through clear documentation and visual formats. Demonstrates effective communication and interpersonal skills, supported by a CEFR Level B2 (IELTS by IDP) certification in English, enabling confident collaboration in diverse and professional environments

## Projects

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**Mini-CRM** | *HTML, CSS, XAMPP, MySQL* | GitHub **Oct 2024**

- Developed a lightweight CRM system for managing customer records, featuring form validation, user authentication, and local hosting via XAMPP.

**Snake, Water and Gun Game** | *Python, Tkinter* | GitHub **Nov 2024**

- Created a GUI-based game inspired by Rock-Paper-Scissors with score tracking, interactive animations, and randomized opponent logic.

**Top Performers List Generator** | *Python, Data Structures* | GitHub **Dec 2024**

- Implemented sorting and filtering algorithms (e.g., quicksort, custom ranking logic) to generate ranked lists of top performers with customizable criteria.

**Aesthetic Showcase Pro (Portfolio)** | *HTML, CSS, JavaScript, Bootstrap* | GitHub **In Progress**

- Designing a personal digital portfolio to showcase projects and skills using modern HTML, CSS, JavaScript, and Bootstrap.

## Technical Skills

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**Programming Languages & Concepts:** C++, JavaScript, Python, Data Structures & Algorithms.

**Web Development:** HTML5, CSS3, Bootstrap, MySQL.

**Cloud & Containerization:** Microsoft Azure, Docker.

**Dev Tools:** Git, GitHub, IntelliJ, Visual Studio Code.

**Soft Skills:** Critical Thinking, Team Collaboration, Problem-Solving, Communication.

## Education

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**Chandigarh University** **2024 – Present**  
*MCA (Master of Computer Applications): GPA 6.03* *Chandigarh, Punjab*

**PIET – Kurukshetra University** **2020 – 2023**  
*Bachelor of Computer Applications: 70%* *Samalkha, Haryana*

**Dyal Singh Public School – CBSE** **2019 – 2020**  
*Class 12th: 77%* *Panipat, Haryana*

**Dyal Singh Public School – CBSE** **2017 – 2018**  
*Class 10th: 70%* *Panipat, Haryana*

## Certifications / Courses

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- Introduction to Front-End Development – Completed via Coursera in September 2025, authorized by Meta. [View Certificate]
- Certificate of Excellence – Finalist in Internal Smart India Hackathon 2022 at PIET. [View Certificate]
- IELTS Academic – Band 6.5 (CEFR B2), certified by IDP IELTS in November 2023. [View Certificate]