

**Mansi Patel**  
**40 Hadley Cres, Halifax, NS B3N 0E4 | 902-580-0987 | Mansi.Patel@dal.ca**  
**LinkedIn:** [www.linkedin.com/in/mansi-patel-558b37219](https://www.linkedin.com/in/mansi-patel-558b37219)

## Co-op Status

- Will have completed three of eight academic terms in April 2022
- Will be available for first Co-op term in May 2022

## Education

**Bachelor of Computer Science**, Dalhousie University, Halifax, NS

**Jan. 2020 – Sept 2025**

- **Courses include:**

Software Development, Data Structures and Algorithms, Workplace communications, Discrete Mathematics, Database Management, and Web – development  
**(CGPA – 4.23)**

## Skills

### Technical:

- **Programming Languages:** HTML, Java, C/C++, JavaScript, CSS, Python, PHP, React JS
- **Database systems:** MySQL, Oracle
- **Tools:** Visual Studio Code, IntelliJ IDEA
- **Operating Systems:** Windows, MacOS, Linux
- **Version Control:** GIT

### Professional:

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Communication</li><li>• Teamwork</li><li>• Technical writing</li><li>• Teaching</li><li>• Time management</li></ul> | <ul style="list-style-type: none"><li>• Patience</li><li>• Organization</li><li>• Multitasking</li><li>• Multilingual – English, Hindi, and Gujarati</li></ul> |
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## Academic Projects

**Farmers' Market Game** – Dalhousie University

**Nov. 2021**

- **Technologies Used:** Java, IntelliJ IDEA
- Designed a console-based game where I wrote the code for the game where a farmer can buy a farm, grow, and harvest different type of food using different types of soil, evaluate the time required to grow the food and give the cost of food accordingly.
- Implemented the functionality of the game using OOPs concepts.

**Academic Timetable Website** – Dalhousie University

**Jan. 2021**

- **Technologies Used:** HTML, CSS, JavaScript, JSON
- Built and designed a website which displayed various courses and schedule details.

- Made the website responsive by adding mobile and table views and designing a toggle button for dark mode.
- Added functionality for students to add/drop the courses.

**Library Project** – Seventh Day High School, India

**Oct. 2019**

- **Technologies Used:** MySQL
- Collaborated with a diverse team of 5 students to build a database for library to help manage various library records.
- Identified assignment requirements, then designed and built the database.
- Successfully communicated the scope of the project by writing clear, accurate technical specifications and presenting the project summary to the class

## Experience

**Graphics Designer**, Google Developer Students club, Dalhousie University

**Jan. 2022 – Present**

- **Technologies Used:** MS Power Point, Canva, Adobe Photoshop, WIX.
- Working with the team of 10 students to discuss design ideas and accordingly prepare power point presentations, poster designs, and social media posts for various events.

**Peer Mentor**, Hackathon, Dalhousie University, Halifax, NS

**Jan. 2022**

- Hosted meetings to help team of 15 student collaborate and work together to build a website. Helped them by explaining topics and providing resources for the event.

**Note Taker**, Computer Science, Dalhousie University

**Sept. 2021 – Present**

- Supporting student success by breaking complex topics into simple, understandable notes and provide those notes within 48 hours of the class schedule.

**Teaching Assistant**, Seventh Day High School, Gujarat, India

**Jun. 2019 – Dec. 2019**

- Supported student success by condensing complex concepts into simple-to-understand explanations through different means of communication (tutorials, videos, lectures, online content). Moreover, assisted teachers in preparing for various in-class activities and help them to schedule their meetings.
- Assessed, graded, and logged student performance on assessments according to faculty policy

## Interests

Vlogging, Video Production, Writing, Reading, Designing, and Coding

**References Available on Request.**