

# Neelaksh Gupta

[Linkedin](#) | [Email](#) | <https://neelaksh.netlify.app/>

## SKILLS & INTERESTS

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**Programming Languages:** C++, C, Java, Python, JavaScript, HTML, CSS, SQL

**Frameworks and Tools:** React, Node.js, Express.js, REST APIs, Firebase, Git, JavaFX

**Databases:** Firebase Database, MySQL

## PROJECTS

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### Coffee Tracker

*Designed and implemented a responsive web application using React, JavaScript, HTML, CSS, and Firebase*

- Built an interactive platform to track coffee consumption, caffeine intake, and expenses, with real-time analytics.
- Integrated Firebase Authentication and Realtime Database for secure user sign-up, login, and dynamic data storage.
- Optimized database queries and component structure to ensure scalability and smooth performance.

### Pokédex

*Designed and implemented an interactive Pokédex application using React, JavaScript, HTML, and CSS*

- Developed an interactive Pokédex application integrating the PokéAPI to fetch and display Pokémon data dynamically.
- Optimized API calls and caching to reduce response times and API calling by 25%.
- Designed a responsive interface, ensuring usability across multiple devices and platforms.

### To-do List

*Designed and implemented an interactive to-do application using React, JavaScript, HTML, and CSS*

- Implemented core features such as task creation, editing, and deletion with real-time state updates.
- Used reusable React components to enhance code scalability and maintainability.
- Focused on user-friendly UI design, enabling efficient task management.

## LEADERSHIP EXPERIENCE & ACTIVITIES

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### Coding Club, Video Game Development

**Caledon, On**

*Video Game Developer (Team Lead)*

*January 2022 – June 2022*

- Led a team of 5 developers in weekly meetings, defining project milestones and reviewing code collaboratively.
- Designed and implemented key gameplay mechanics in Java, improving game performance and user engagement.

### Euphoria, Non-Profit Organization

**Brampton, On**

*Media Writer*

*March 2021 – May 2023*

- Authored 50+ engaging posts and articles to raise awareness of global and social issues, reaching an audience of 1,500+ followers.
- Organized and executed digital campaigns to encourage meaningful discussions on contemporary topics.

### Food Basics, Retail Operations

**Georgetown, On**

*Grocery Stocker Team Lead*

*July 2022 – August 2023*

- Supervised a team during peak hours, improving restocking efficiency by 20%.
- Managed closing operations, ensuring smooth daily operations and inventory accuracy.

## EDUCATION

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### Carleton University

**Ottawa, ON**

*Bachelor of Computer Science, Honours | Minor in Statistics and Mathematics | CGPA: 10.6/12*

*April 2028*

- **Relevant Coursework:** Abstract Data Types & Algorithms, Intro to Software Engineering, Statistical Modeling II (Winter 2025), Discrete Math II, Multivariable Calculus (Fall 2024), Linear Algebra II, Calculus II (Summer 2024)