**Luvneet Singh Bamrah**

Bachelor of Science in Software Engineering **|** Github: NotLuvii

# EDUCATION

**University of New Brunswick Fredericton, N.B.**

Bachelor’s of Science in Software Engineering Expected Graduation, Sept. 2025

* **Related Coursework: MySQL, Java, AWS, Python, C, JavaScript, Git, Assembly**

# EXPERIENCE

**Walmart Supercentre Fredericton, N.B.**

OMNI Customer Fulfillment Associate June 2023 – Present

* Delivered exceptional customer service by proactively resolving issues for both online and in-store customers, consistently exceeding expectations with personalized solutions.
* Utilized advanced software and analytics tools to track and manage orders, reducing processing times by up to 50%.
* Guided and mentored a diverse team of 12 associates, creating a collaborative environment that developed their

skills, leading to a 20% improvement in overall efficiency.

# PROJECTS

**Cancer Diagnosis with AI** • Trained an AI model to detect cancerous cells by analysing medical imaging data, significantly improving early cancer detection.

* Scripted the predictive cancer diagnosis model in Python using the pandas, Sci-Kit Learn, and TensorFlow libraries and obtained an accuracy of 95.6%.

**Collaborative Course Metrics Application**

* Developed a web application with a team of 6 using Agile methodologies, enabling instructors to manage courses, create teams, and provide both instructors and students with insights into project metrics.
* Built responsive front-end components using ReactJS, NextJS, ChartJS, and CSS, while contributing to backend functionality with Flask, REST APIs, and Firebase for secure data storage.

**Classic Games**

* Created a fully functional *Tetris* game using the Pygame library for dynamic interface design and the Pandas library for the scoring system.
* Developed an original game titled *Dodge Blocks* using C# and Unity, integrating custom physics and engaging gameplay features.
* Designed and developed a responsive *Snake* game using HTML, CSS, and JavaScript, delivering an interactive

user experience directly within web browsers.

# SKILLS

**Programming:** Python, Java, MySQL, JavaScript, HTML/CSS, C#, C, ReactJS, NextJS

**Technical/Programmatic:** Data Structures and Algorithms, Managing Databases, Machine Learning, Microsoft Excel **Operating Systems:** Windows, MacOS, Linux   
teamwork