

Harsh Singh

Software Developer | Full-Stack Engineer

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### Professional Summary

Passionate and detail-oriented Software Developer skilled in full-stack web development. Strong base in algorithms, data structures, and scalable systems. Experienced with React, Node.js, and Python.

### Education

Bachelor of Science in Computer Science

Mohawk College

Expected Graduation: May 2025

GPA: 3.8/4.0

### Technical Skills

Programming: JavaScript, Python, C/C++, Java, HTML, CSS

Frameworks: React.js, Node.js, Express.js, TensorFlow, Tailwind CSS

Databases: MongoDB, MySQL, PostgreSQL

Tools: Git, GitHub, VS Code, REST APIs

Concepts: Data Structures, Algorithms, Machine Learning, Agile

## Projects

### React Todo Application

Built a modern task system with React. Used Hooks for state control. Added local storage for persistence. Designed a responsive UI and filtering tools.

### Deep Learning Python Code

Created neural networks with Python and TensorFlow. Built CNNs for image tasks. Applied preprocessing and tuning to reach strong accuracy.

### Monster Execution Simulator

Developed a systems project in C. Used circular linked lists and dynamic memory use. Added a memory leak detection tool.

### Weather Dashboard

Built a weather app using JavaScript and APIs. Added geolocation support and a responsive layout.