

Vineet Panchal

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⚙ Skills

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, C++, C#, SQL

Tools/Technologies: Git/Github, Tailwind, Bootstrap, Node, React, MongoDB, MySQL, Figma

Certifications: Responsive Web Design, JavaScript Algorithms & Data Structures, Foundational C# With Microsoft

🔬 Projects

Timewise

- > Developed a web app that offers organizational tools with a single space to think, write, and plan. You can schedule your day and keep track of your progress. Time Wise, an app built with **React**.
- > Used popular React libraries like React-Big-Calendar and Modals and deepened my framework knowledge.

Moviesnet

- > Created a web app with **React** and **OMDb Api** to find any movie or TV show with just one click of a button.
- > Introduced myself how APIs can be used with React and deepened my knowledge of APIs.

Minesweeper

- > Created the classic game of Minesweeper with **HTML/CSS** and **JavaScript**.
- > Studied and applied an algorithm to finding an item in the surrounding cells of any given index in a matrix.

Head's Up Poker

- > Recreated the game of Poker using Graphical User Interface and different algorithms for each hand rank with **Java**.
- > Used the software development life cycle to plan and write efficient code.

A-Star Pathfinder Visualizer

- > My introduction to data structures and algorithms in **Python** and I studied the A Star pathfinding algorithm.
- > Created a visualizer of the A-Star algorithm using **PyGame**.

Sudoku Solver

- > I created a Sudoku solver in **Python** to solve any given matrix.
- > I studied and learned the backtracking algorithm that allowed the code to be successful.

Pokedex

- > Introduced myself to APIs, how they work, how it's used in software development, and the key concepts of it.
- > Built a quick web app with **HTML/CSS** and **JavaScript** and displays information using **PokeAPI**.

🧰 Experience

Headstarter AI

July 2024 – Present

Software Developer Fellowship

- > Worked in a team effort to build 5 AI projects, competed in 5 hackathons, and 1 final project with 1000+ users.
- > Engaged in a passionate community to refine my skills, built connections, get practical experience coding, building, and generating revenue

The Circle Lab

May 2024 – July 2024

Frontend Developer Internship

- > Developed a website for the organization in **React JS**.
- > Joined conferences to network with individuals and brainstorm and implement ideas to use AI to improve education.

Toronto Metropolitan Algorithms & Coding Club

Sep 2023 – Present

Member

- > Cooperated with different team members to complete weekly coding challenges/contests.
- > Created long-lasting connections and developed collaboration skills in software development.

Executive Student Council

Sep 2020 – June 2023

Head Secretary

- > Worked in a team effort to accomplish our main goal, responsible for note taking, handling documents, leading the secretary department, and handling monetary issues.

🎓 Education

Toronto Metropolitan University

April 2027

B.A.Sc. Computer Science

Relevant Coursework: Discrete Mathematics I, Computer Science I & II, Computer Organization I & II, Calculus I, Linear Algebra I, Probability and Statistics I

- > Availability: May 2025 - August 2025