Aakash Yogabalu

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EDUCATION

University of New Brunswick   **Fredericton, Canada**
B.S. in Software Engineering   *Expected Graduation, Sep 2027*

- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

Geet Automation   **Delhi,India**
No Code, Team- Head   *Nov 2024– Jan 2025*

- Created Automated Bots specific to the company needs.
- Developed various bots using Apps script, Json, HTML on platforms: Make (Integromat) and Zapier. s

BMJ Associates   **Dubai ,UAE**
Data Entry, Web developer Intern   *June 2023 – Sept 2023*

- Analyzed and sorted data
- Helped with setting up the domain and website interface

PROJECTS

Movie Website   **Canada**
Vite, React.js, TMDB API   *Sept 2023*

- Built a movie browsing website that dynamically fetches data from TMDB's API, featuring a clean, responsive UI with search and movie detail functionality.

What I learnt: API integration, React with Vite, dynamic styling, and managing asynchronous data fetching.

Commit Clock- *Vscode Extension*   **Canada**
JavaScript, yo code, VSCode API, github   *May 2023*

- Created a VSCode extension that reminds users to commit changes with a prompt. Commits and pushes are handled automatically in the background.

What I learnt: VSCode extension development, JavaScript integration with editor APIs, live publishing, and debugging extensions.

Sorting Algorithms Visualizer   **Canada**
React/Node.js   *Nov 2023*

- Developed a web-based tool to visually demonstrate popular sorting algorithms like bubble sort, merge sort, and quick sort in real-time.

What I learnt: Data structure visualization, algorithm animations in React, and efficient state handling.

AI- Google Dino   **Canada**
Python, NEAT algorithm, PyGame   *Feb 2023*

- Training an AI using the NEAT algorithm to play the Chrome Dino game, learning from previous runs and evolving over generations.

What I learnt: NEAT evolutionary algorithms, game environment integration, AI behavior optimization.

Real Estate Website - (In Development)   **Canada**
*Node.js/*MongoDB   *Jan 2023*

- Designing a full-stack property listing platform with user search, filter, and contact capabilities, integrating backend data with a React frontend.

What I learnt: Full-stack development, RESTful APIs, real-world data handling, responsive UI/UX design.

CERTIFICATES

- **Responsive Web Design –** freeCodeCamp
- **Intro to Programming, Python –** Kaggle

SKILLS

Programming: Java, Python, HTML/CSS, JavaScript, React.js, Node.js, Three.js, SQL, Apps script.
Tools: Framer, Figma, Botpress.
Qualities: Punctual, Curious, Eager to Learn, Efficient, Smart Worker.