SM Tausif

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[My-Portfolio](#)

Profile

Motivated Computer Programming and Analysis student with strong full-stack development skills and hands-on project experience. Quick learner who combines technical expertise with problem-solving, teamwork, and adaptability to deliver practical solutions.

Projects

- **Pet Adoption Hub (Full Stack Web App)** – Built a responsive web application with authentication, database integration, and Tailwind styling. Implemented features for user login, signup, and adoption listing management.
- **AI Mental Health Chatbot** – Developed an AI-driven chatbot using Node.js and external libraries to provide self-care prompts and resources. Designed mood check-in and interactive response features.
- **Unity 2D Game Prototype** – Created a basic interactive game using C# and Unity engine. Implemented game mechanics, character movement, and user interactions.
- **E-Commerce Jute Bag Website (In Progress)** – Developing a client-based full-stack e-commerce app for product showcasing, cart functionality, and order system. Using Node/Express for backend and MongoDB for data storage.
- **Dictionary Application (C++ Project) –** Implemented a command-line dictionary program with CSV file parsing, word search, and performance benchmarking using Rule of 5 (copy/move constructors and destructors).
- **RPG Teams and Guilds (C++17)** – Built a command-line RPG simulation that demonstrates the **Rule of 5**, templates, and polymorphism. Implemented team/guild management and a logged battle engine with abilities (Berserk, Heal, Defense).

Education

- *Seneca Polytechnic* — Advanced Diploma, Computer Programming & Analysis
North York, ON | Jan 2024 – Present | GPA: 3.3/4.0
- *Cambrian School and College* — High School Diploma
Dhaka, Bangladesh | Jul 2022

Skills & Abilities

- **Programming Languages:** C++, Python, JavaScript, Bash scripting
- **Web Development & Frameworks:** React, Node.js, Express.js, Tailwind CSS, HTML, CSS
- **Databases:** MySQL, MongoDB
- **Developer Tools:** GitHub, Postman, Jira, Visual Paradigm
- **Other Technical Skills:** Full-stack development, API integration, AI prompting, testing/debugging, version control
- **Transferable Skills:** Strong problem-solving, independent task management, teamwork, adaptability, and attention to detail

Learning

- AI Prompting & Productivity (self-taught)
- API Testing with Postman (hands-on experience)
- Agile & Jira Workflow (practical use in projects)