Tamanna Anand

FULL STACK DEVELOPER

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Professional Summary

Detail-oriented and organized individual with a background in scientific research and a passion for solving complex problems. Experienced in team collaboration and communication, I am currently advancing my full-stack development skills at NSCC, focusing on innovative, user-focused solutions.

LinkedIn: Tamanna Anand | Portfolio: tamannaanand.github.io

Technologies

Languages & Frameworks: HTML, CSS, JavaScript, Vue.js, Node.js, Express.js, React
Tools & Platforms: Tailwind CSS, Bootstrap, RESTful APIs, Postman, Git, AWS Lambda
Databases: SQL Server, SQL Server Studio, MongoDB, MongoDB Compass

Education

Full Stack Application Development   **2024 – Current**
NSCC | Graduate Certificate

Bachelor of Sciences   **2021**
Dalhousie University | Bachelor's Degree

Experience

Research Assistant | DeNova, Inc.   **2021 – 2023**

- Supported DeNova's mission of developing sustainable food solutions by preparing materials for fermentation experiments and ensuring quality control through sterile lab techniques.

- Created and maintained standard operating procedures to streamline lab operations and scale proprietary fermentation technology.

- Managed procurement and supplier relationships to ensure timely, cost-effective delivery of materials for production.

- Presented findings in R&D meetings, collaborating on health and safety compliance to uphold operational excellence.

- Worked with the financial team to optimize material costs, aligning with DeNova's sustainability goals.

Non-Technical Experience

Sales Associate | Old Navy   **2024 – Current**

Retail Associate | Bed, Bath & Beyond   **2020 – 2021**

Sales Associate | Softmoc   **2017 – 2018**

Production Worker | Value Village   **2015 – 2016**

Projects

E-Portfolio

- Built using Vue.js for a dynamic and modular front-end architecture, enabling seamless integration of components.

- Leveraged Vite for fast development, hot module replacement, and optimized build processes, ensuring smooth application performance.

- Utilized Tailwind CSS to craft a modern and responsive design.

Backend Enhancement for Music App

- Developed the backend for a music management app with a pre-existing frontend.

- Created Express.js endpoints, integrated new database features, and ensured data integrity through validation schemas.

3-In-A-Row Puzzle Game

- Created a 3-in-a-row puzzle game using pure JavaScript and the DOM, fetching puzzle data from a remote API.

- Enabled users to interact with the puzzle grid, update square states, and check puzzle status.

- Included features like error display for incorrect squares and an innovative gameplay enhancement, built with unobtrusive JavaScript.

SafeCampus App *(Hackathon Project)*

- Developed during the NSCC Hackathon by a team of five, this website streamlined safety compliance across school campuses.

- Provided principals with a centralized dashboard to monitor the status of safety inspections conducted by various departments.

- Featured progress bars for easy visual tracking of completed and pending inspections, enhancing workflow visibility and ensuring timely compliance.