

# Tamanna Anand

## FULL STACK DEVELOPER

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### Professional Summary

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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](https://tamannaanand.github.io)

### Technologies

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**Languages & Frameworks:** HTML, CSS, JavaScript, Vue.js, Node.js, Express.js

**Tools & Platforms:** Tailwind CSS, Bootstrap, RESTful APIs, Postman, Git

**Databases:** SQL Server, SQL Server Studio, MongoDB, MongoDB Compass

### Education

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**Full Stack Application Development** **2024 – Current**

NSCC | Graduate Certificate

**Bachelor of Sciences** **2021**

Dalhousie University | Bachelor's Degree

### Experience

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**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

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<b>Sales Associate</b>   Old Navy	<b>2024 – Current</b>
<b>Retail Associate</b>   Bed, Bath & Beyond	<b>2020 – 2021</b>
<b>Sales Associate</b>   Softmoco	<b>2017 – 2018</b>
<b>Production Worker</b>   Value Village	<b>2015 – 2016</b>

## Projects

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### 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.