

Tamanna Anand

FULL STACK DEVELOPER

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Professional Summary

Detail-oriented and results-driven professional with a background in scientific research, project management, and full-stack development. Experienced in collaborating with cross-functional teams, managing projects using Agile methodologies, and delivering innovative, user-focused solutions. Passionate about solving complex problems and building impactful solutions through technology.

LinkedIn: [Tamanna Anand](#) | Portfolio: tamannaanand.github.io

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.
- Utilized Monday.com to manage and track daily tasks, coordinate inventory and procurement, and provide weekly project updates to senior scientists.
- Presented findings in R&D meetings, collaborating on health and safety compliance to uphold operational excellence.
- Applied Agile project management techniques, including iterative progress tracking and risk management, to ensure timely solution preparation for fermentation experiments.

Skills

Project Management & Collaboration: Agile Methodology, Task Tracking, Risk Management, Stakeholder Communication, Inventory Management, Procurement, Monday.com

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, SSMS, MongoDB, MongoDB Compass

Education

Full Stack Application Development

2024 – Current

NSCC | Graduate Certificate

Bachelor of Sciences

2021

Dalhousie University | Bachelor's Degree

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.

Non-Technical Experience

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