

# SONAM DATOK

Software Engineer  
New York, New York

## EDUCATION

B.Eng. Computer (Software) Engineering  
Toronto Metropolitan University

2019 - 2024

## WORK EXPERIENCE

### Full-Stack Developer Intern

#### UpBeing

upbeing.ai

Toronto, ON  
08/2022 - 05/2023

Revolutionizing user engagement, UpBeing integrates AI and data modeling in an app that dynamically tracks mood and productivity by analyzing diverse inputs like weather, sleep data, Spotify trends, and digital footprints from Google Calendar and web browsing.

- Built a Chrome extension using VueJS, TailwindCSS, and Laravel in 6 months and managed documentation and deployment to the Chrome Webstore. The extension facilitates user check-ins within the browser, and captures and processes 4 distinct data metrics: mouse tracking, browser usage patterns, interaction with blocked sites, and scroll activity analysis
- Mobile App development in Xcode/Android Simulator using Dart and Flutter, resolving 20+ UI/UX issues
- Built check-in features in VueJS, utilizing asynchronous data flow via props/emits, which resulted in their seamless integration and dynamic display in the mobile application
- Successfully executed test-driven back-end development using Laravel, focusing on crafting robust unit tests. This approach ensured secure and authenticated API interactions for efficient data storage and retrieval within Google Cloud Storage (GCS) buckets
- Collaborated with Lead Designer to produce 32 high level Figma designs for Chrome Extension layouts, Check-ins components and Social features

### Full-Stack Developer Intern

#### STEM Powering

Toronto, ON  
04/2021 - 07/2021

STEM Powering is a non-profit youth organization supported by STEM-educated volunteers who look to inspire and empower youth by sharing their knowledge and skills through online workshops.

- Developed both front-end and back-end of the website using HTML, CSS, PHP, and Laravel, which led to an 85% increase in average viewership
- Led and coordinated daily meetings with STEM leaders, resulting in a 60% growth in student engagement and clientele
- Created unique workshops for students in an online community of 200+ students passionate about STEM and organized workshop curriculum

## RELEVANT PROJECTS

### TMUusic

tmusic.dev

10/2023 - Present

Developed a music-centered social media app for students, integrating Google OAuth for secure login, Spotify API for music streaming and data, and Pusher API for live interactions and messaging.

- Led the TMUusic project team of 11 developers utilizing Git, Jira, and Asana, successfully delivering the project in a 3-month timeframe
- Crafted detailed Figma storyboards to create a theme and visualize user interface and user experience design
- Utilized ReactJS and TailWindCSS for front-end, and Laravel back-end, integrating Socialite for advanced social media authentication and Livewire for interactive and asynchronous UI components

### UI/UX Tesla Steering-Wheel Design Project

02/2021

UOttawa Designathon (Third Place)

- Designed and implemented a touchscreen dashboard display using AutoCAD Inventor, featuring integrated GPS, user notifications, and vehicle specifications for enhanced driver interaction and convenience
- Created an autonomous vehicle model featuring a retractable Tesla steering wheel, using AutoCAD Inventor to seamlessly blend touchscreen controls with multimedia features

## EXTRACURRICULAR

### Vice President of IT

#### Metropolitan Data Science Association

09/2019 - 2021

The Metropolitan Data Science Association (MDSA) focuses on equipping undergraduates with industry-relevant data analytics skills.

- Developed and launched website to host/administer workshops for over 140 business students interested in data science
- Designed coding workshops focused on Python and R, covering essential Data Analytics tools including pandas, NumPy, and Matplotlib, to enhance skills in data manipulation, visualization, and statistical analysis

## SKILLS

**FRONT-END:** Vue, HTML/CSS/SASS, React, JavaScript, Blade, Figma, Flutter, Dart, TailwindCSS, React Native, jQuery, Bootstrap

**BACK-END:** PHP, Java, C#, Node, Python, C, R, Laravel, Django, Typescript

**DATABASE MANAGEMENT:** MySQL, MongoDB, PostgreSQL, SQLite, TablePlus, AWS, Microsoft Azure