

Megha Samala

msamala21@gmail.com | 972-571-4494 | Dallas, TX

www.linkedin.com/in/meghasamala

SKILLS

Front End Development | HTML, CSS, JavaScript, Typescript

Back End Development | SQL, Python, Java, R

Tools | Bootstrap, Bulma, JQuery, React, Node.js, Flask, Templating Engines (Jinja, Handlebars), Git

Applications | Github, Gitea, MySQL, PostgreSQL, Microsoft Office Suite, Procreate, Visual Studio Code, Eclipse, RStudio, Agile tools (Jira, Confluence)

PROFESSIONAL EXPERIENCE

Arbor Biotechnologies | **Frontend SWE Intern** | July 2022 - Dec 2022

- Created new user interfaces based on design documents for internal-facing scientific applications with HTML, CSS/Bootstrap, JQuery, and Jinja to assist with data entry.
- Built backend website routes as well as app logic using Python with Flask and used SQL Alchemy and MySQL to create SQL queries to display and store data.

ACADEMIC EXPERIENCE - PROJECTS

Soundtracker | Website that allows users to enter a movie into the search bar and returns its full soundtrack, along with music videos and lyrics as available for each song.

- **Technologies Used:** HTML, CSS, Bulma, JavaScript, JQuery
- **Role:** Collaborated with team members to design and implement site UI and DOM elements such as cards and buttons with CSS and Bulma library, assisted in writing fetch requests to IMDB API with JavaScript

Employee Tracker | A command line application that prompts users with questions about the employees of their company and stores responses neatly for viewing

- **Technologies Used:** Node.js, SQL, MySQL, JavaScript
- **Role:** Sole developer, created SQL schema and queries to retrieve/edit/add seed data upon receiving user responses, used JavaScript with Inquirer Node.js package to build applications

TunedIn | A database that users can track their media consumption and media purchases with, across 5 types of media

- **Technologies Used:** SQL, PostgreSQL
- **Role:** Sole developer, built upon use cases and ERDs to conceptualize and implement database from scratch through weekly iterations, used ANSI SQL to create database schema and queries

EDUCATION

Boston University,
M.S. in Computer
Information Systems |
Expected graduation
Dec 2025 |

Web Application
Development
Concentration |

**Relevant
Coursework:**

Database Design
Implementation for
Business, Information
Structures w/ Java,
Web Application
Development

**The University of
Texas at Austin,**
Bachelor of Science
and Arts,
Neuroscience |
Business Spanish
Certificate |
May 2022 |
Overall GPA: 3.6/4.0 |

**Relevant
Coursework:**

Elements of
Computers and
Programming,
Elements of Data
Science

**Coding Bootcamp at
The University of
Texas at Austin,**
Dec 2021 |
Certificate in Full Stack
Web Development