

# TJ Lomba

Front-End Software Developer

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With experience self-starting, working collaboratively and managing projects, I am an aspirational lifetime-learner looking for a team of peers and mentors who will guide me in my growth as a software engineer.

## SKILLS

**Languages** - JavaScript, HTML, CSS, Python, SQL, Mongo, JSON, Typescript, EJS, DTL | **Database** - PostgreSQL, MongoDB

**Libraries and Frameworks** - React (class based and hooks), Express.js, Django, JQuery, Bootstrap

**Other** - RESTful Routing, JSON api

## SOFTWARE DEVELOPMENT PROJECTS

June 2021 - March 2022

### **MetroTrainer | Python, CSS, HTML, SQL, PostgreSQL, Bootstrap, MongoDB**

- Utilized python to develop a metronome web application that leverages music theory and programmed patterns to provide highly customizable drills for rhythm and instrument training.
- Served the back-end of the application using Flask and Python methods and functions utilizing MySQL database management.
- Styled and created the visual aspects using Materialize, HTML5, and CSS3

### **Scientific Calculator | React, CSS, HTML, Express.js, Bootstrap, jQuery,**

- Utilized React.js components for the front-end of the a scientific calculator application
- Wrote original JavaScript methods and functions, leveraging value look-ups and stacks to handle inputs and return identical functionality and interface as a physical calculator.
- Implemented ES6 tagged template literals with Styled-Components along CSS3 to provide style and flexbox layout of the application.

### **myPlaylist | JavaScript, Bootstrap, MongoDB, CSS, HTML, Express.js**

- Utilized a MERN stack (MongoDB, Express, React.js, Node.js) to build a full stack application in 2 days. With full create, read, update, delete (CRUD) operations hitting all RESTful API calls.
- Made RESTful API fetch calls to an Express, MongoDB, Node.js backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman.
- Used Mongoose to define schemas for MongoDB collections.

## PROFESSIONAL EXPERIENCE

### **Digital, Event and Account Based Marketing, Allego | Needham, MA**

January 2018 - January 2022

- Successfully relaunch account based marketing initiative and facilitate wide adoption of ABM tools through collaboration with sales and customer success teams. Drive wins for high priority target accounts through the development of bespoke data reporting, sales strategies, digital content and ad campaigns for account executives.
- Consistently exceed ambitious quarterly lead production goals through the execution of dozens of corporate events and sponsorships including industry trade shows, private executive functions and Allego's annual user conference.
- Drive top and middle of funnel responses to targeted campaigns leveraging a combination of direct marketing tools.
- Create professional-quality written, graphic and video content for marketing and communications initiatives including live events, video podcasts, customer and prospect relations, promotional web pages, social media, print advertising.

## EDUCATION

### **GENERAL ASSEMBLY | REMOTE**

*Software Engineering Immersive*

August 2021 - March 2022

Full-stack software engineering immersive student in an intensive, 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

### **BABSON COLLEGE | WELLESLEY, MA**

*Associates of Science in Business Administration -magna cum laude*

August 2013 - May 2017

*Concentrations:* Business Analytics and Marketing