

# MICHAEL MARAFINO

## SUMMARY

Creative, detail-oriented, Software Engineer with a deep interest in accessibility.  
Proven track record of creating and implementing full stack web applications.

## EXPERIENCE

### Software Engineer, America In Motion

October 2022 — Present

- Created intuitive, responsive UI for Human Machine Interfaces
- Lead Engineer for Menards project - able to work with developers across multiple companies to achieve the goals set out by the client that led to huge revenue boost upon successful completion
- Performed code reviews, updated documentation, and implemented version control for all projects
- Developed Beckhoff PLC programs for Automated Guided Vehicles with Structured Text using OOP principles while also teaching best practices

### Software Engineer, 100devs

January 2022 — September 2022

- Collaborated with teams of developers to build modern and responsive web applications while applying agile methodologies
- Led team of engineers to deliver client full stack application while hitting project milestones - custom front end and back end API using MERN stack
- Developed small business application that increased customer base by 25%
- Mentored, taught, and performed code reviews with junior developers

#### Projects:

[Long Island Sound Ledger](#) – Users have access to thousands of articles with the ability to view, search, and favorite any of them. Built using React, CSS modules, Hooks, Context, local storage, and framer motion.

[GBO QIR Report Application](#) – Users keep track of defective product needed for testing and are able to verify inventory. Built using HTML, CSS, and JavaScript.

[My Book List](#) – Full stack application to manage and organize daily reading habits. Users sign up or log in to track progression through book collection. Built using JavaScript, CSS, EJS, Node.js, Express, MongoDB, and MVC architecture.

### Quality Control Technician II, Greiner Bio-One

May 2015 — December 2021

- Built, deployed and maintained a web application for QC team that reduced Quality Irregularity Report initialization to disposition time by 60%

## CONTACT

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[github.com/michaelcmarafino](https://github.com/michaelcmarafino)

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## SKILLS

HTML

CSS

JavaScript

React

Next.js

Tailwind

Node.js

MongoDB

Express

REST APIs

Git

SQL

OOP

MVC

Web Accessibility

PLC programming

## EDUCATION

### STONY BROOK UNIV.

2008 - 2012

B.S. Biology