

MICHAEL MARAFINO

SUMMARY

Efficient and detail-oriented Software Engineer with expertise in developing full-stack web applications and robotics/automation. Strong passion for accessibility, performance, and intuitive solutions.

EXPERIENCE

America In Motion *Software Engineer*

October 2022 — Present

- Designed and implemented API that led to a \$5 million customer order
- Revived AGV customer program that had been discontinued (\$30,000 order)
- Led \$50,000 upgrade of outdated customer system
- Created dynamic solution to unexpected production issues, increased system efficiency by 27% - delivered solution in a week from time of discovery
- Collaborated across multiple teams to build out a system with 30 Automated Guided Vehicles
- Performed upgrades to existing vehicle API when new hardware upgrades became necessary as operations continued to expand
- Worked with marketing to improve SEO & online presence of business - built out the current web application that has led to over 30% more traffic

100Devs *Software Engineer*

January 2022 — October 2022

- Collaborated with and led a team of developers to build modern and responsive full-stack web applications using React & Node.js
- Developed local business application that increased sales by over 20%
- Mentored, taught and performed code reviews with junior developers

PROJECTS

[Long Island Sound Ledger](#) (React) – Users have access to thousands of articles with ability to view, search, and favorite. Local data storage provides blazing performance.

[GBO QIR Report Application](#) (JavaScript) – Users keep track of defective products needed for testing and can verify inventory. This reduced labor costs by 10%.

[My Book List](#) (JavaScript / Node.js) – Full-stack application to manage and organize daily reading habits. Authentication and user data security ensure utmost confidence.

CONTACT

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SKILLS

Golang

Node.js / Express

PostgreSQL / SQLite

MongoDB

C# / .NET

React / Next.js / Svelte

TypeScript / JavaScript

CSS / Tailwind

HTML / Handlebars / EJS

Git

Docker

Web Accessibility / A11y

Beckhoff TwinCAT 3

Kollmorgen / OpenPCS

EDUCATION

STONY BROOK UNIV.

B.S. Biology