

# Michael Mattingly

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**LinkedIn:** <https://www.linkedin.com/in/michael-a-mattingly/>

**Portfolio:** <https://dashing-sherbet-dcf885.netlify.app/>

**GitHub:** <https://github.com/mamattingly>

## SUMMARY

Results-driven professional with a strong foundation in web development and a passion for coding. Adept at designing and building responsive, user-focused websites and applications, utilizing the latest technologies and best practices. Proven ability to collaborate effectively in cross-functional teams, leveraging strong communication skills to transform complex concepts into user-friendly solutions. Eager to leverage my fresh expertise and unwavering determination to contribute innovative and impactful work in the coding realm as part of a forward-thinking company.

## TECHNICAL SKILLS

Problem-Solving, Pseudocode, HTML5, Cascading Style Sheets (CSS), Javascript, ES6, Command Line, Developer Tools (Elements, Console, Network, Sources, Application, etc), Bootstrap, Web API, jQuery, Server Side API, Third Party API, Day.js, indexDB, Insomnia / Postman, AJAX, Fetch, JSON, Git, GitHub, Node.js, Express.js, Rest API, Serverside Templating (Handlebars.js), Heroku, Express Sessions, Bcrypt, JWT Javascript Web Token, Relational Databases, MySQL, Sequelize ORM, Non-Relational Databases, Mongo DB, Mongoose ODM, Object-oriented Programming (OOP), Imperative Programming, Declarative Programming, TDD, Unit Testing w/ JEST, React, React Hooks, JSX, Data Structures and Algorithms, Frontend Development, Backend Development, Full Stack Development, Performance, Webpack, PWA, Apollo GraphQL, MERN Stack, Context API, Stripe API, and Redux/React-Redux.

## PROJECTS

### Logo Marketplace

Repository: <https://github.com/joellongaresjr/Logo-Marketplace>

Deployed Page: <https://logo-marketplace-f9aad311ca28.herokuapp.com/>

- Developed front-end and back-end services, including React components, authentication using JWT, Express server configuration, Apollo client/server, and applied GraphQL middleware.
- Built currency converter using Axios to perform fetch requests for most UTD currency conversions.
- Developed UI components and a search bar for fuzzy search using Mongoose with Apollo GraphQL.
- Built and made use of Backend API utilizing REST or Restful routes.

### WealthWise

Repository: <https://github.com/MeanBean87/WealthWise-deployed>

Deployed Page: <https://wealthwise-project2-1bf71934d0b7.herokuapp.com/>

- Collaborated on a budget planning app with the team, using MVC for monthly financial calculations via user-created plans, factoring expenses, and revenue.
- Led full stack responsibilities: CSS creation, routing, RDBS API requests, Sequelize data models, error handling, dynamic data seeding.
- Tech stack: Faker.js, Bcrypt, Chart.js, Connect-Session-Sequelize, DotEnv, Express, Handlebars, Sequelize, MySQL2, Tabulator.

### NutriDiary

Repository: <https://github.com/MeanBean87/ucb-project-one>

Deployed Page: <https://meanbean87.github.io/ucb-project-one/>

- Led a student team to create a nutrition tracker SPA, utilizing two Web APIs, designing for fitness goals, developing HTML, CSS, and JS, and showcasing DOM manipulation.
- Coded TDEE algorithm, managed API requests, and designed goal-related cards.
- Employed: HTML, CSS (Tailwind), ES6 JS, Chart.js, Animate.css, Git/GitHub.

## RELEVANT EXPERIENCE

### Support Engineer

6/1/2022 – 3/18/2023

#### Solar is Freedom

Kentucky, Ohio, and Indiana

Provided remote troubleshooting and diagnosis for residential solar photovoltaic systems. Implement a solution for the growing team to calculate travel bonus allotment for the field service team. Developed and refined processes in Monday.com and Infusionsoft CRM. Update solar layout to match PV inverter and microinverter serial numbers to provide dynamic dashboard views for end users.

- Reduced troubleshooting queue from 350 to 110 sites with known hardware faults.
- Developed tools using VB.net to assist dispatchers with determining travel bonus rewards for technicians, reducing processing time by an average of 3 hours.
- Collaborated with 3<sup>rd</sup> party support providers to facilitate RMA and updated 3<sup>rd</sup> party CRM – Zendesk.
- Participated in continuous improvement meetings and developed flow charts to outline T1 support troubleshooting process.
- Automated tasks with Python and VB.net scripting.

### Contracted Robotics Integration Engineer

8/13/2021 – 5/29/2022

#### TEKsystems – Amazon Robotics

Field Services – Multiple Locations

Managed Fanuc 6-axis robot installation and software deployment. Resolved complex software issues, using independent research and Python scripts for deployment. Coordinated with the development team to address potential operation hindrances.

- Successfully deployed 34 robotic systems in Houston, TX, the 2<sup>nd</sup> Largest in the North American Network.
- Met deployment deadline within 1 week for a multiple-month project.
- Deployed production software using Docker.
- Recognized by manager and VP of division for excellent delivery

### Senior Support Technician

5/12/2021 - 8/6/2023

#### OPEX

Field Services – Multiple Locations

Managed OPEX Sure-Sort tech deployment, QA, and troubleshooting. Oversaw integration of robot-assisted sorting machine. Adapted JavaScript for customized customer deployments, using Cognex imaging/scanning tools.

- Deployed and tested Sure Sort and Sure Sort XL machines at several locations for multiple customers.
- Deployed and configured JavaScript related to sorting machines specific to customer configurations.

## EDUCATION

### **Web Development Bootcamp - UC Berkeley**

**Graduated September 15, 2023**

A full-time 3-month boot camp focused on Full Stack Web Development. Covering MERN Stack, JavaScript, HTML, CSS, Jest, Relational and Non-relational databases.

### **2023 Web Development Bootcamp - Udemy**

**Completed June 12, 2023**

Online Web Development Boot Camp, Covering HTML, CSS, JavaScript, Design Principles, Templating engines, React and SQL.

### **Java Programming Masterclass - Udemy**

**Completed April 23, 2022**

A full-bodied instruction of Java. Covering Object Orientated Programming, Abstraction, Lambda Expressions, class construction, and primitive data types

### **The Complete Python Bootcamp 2023 - Udemy**

**Exp Completion Mid-2024**

Beginner / Advanced program covering the Python coding language.

### **React – The Complete Guide 2023 - Udemy**

**Exp Completion Mid-2024**

A course that covers React, Hooks, Redux, React Router, Unit tests, and Next.js.

### **The Complete SQL Masterclass 2024 - Udemy**

**Exp Completion February 2024**

A detailed SQL language course instructed around Postgres databases.

## REFERENCES

### **Elijah Thompson**

Former Manager of Customer Success

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### **Greg Eisenhardt**

Former VP of Operations

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