

Michael Mattingly

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

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 search bar for fuzzy search using Mongoose/GraphQL.

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 fetch, and designed goal-related cards.
- Employed: HTML, CSS (Tailwind), ES6 JS, Chart.js, Animate.css, Git/GitHub.

RELEVANT EXPERIENCE

Support Engineer

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 3rd party support providers to facilitate RMA and updated 3rd party CRM – Zendesk.
- Participated in continuous improvement meetings and developed flow charts to outline T1 support troubleshooting process.

Contracted Robotics Integration Engineer

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 2nd Largest in the North American Network.
- Met deployment deadline within 1 week for a multiple-month project.
- Recognized by manager and VP of division for excellent delivery

Senior Support Technician

2021

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.
- Resolved issues with the formatting of BCN strings that required altering JavaScript image processing.

EDUCATION

Full Stack Web Development Bootcamp

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

2023

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

Java Programming Masterclass - Udemy

2022

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

The Complete Python Bootcamp 2023 - Udemy

2024

Beginner / Advanced program covering the Python coding language.

React – The Complete Guide 2023 - Udemy

Exp completion June 2024

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

REFERENCES

Elijah Thompson

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