

MONY SARY

Full Stack Web Developer

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TECHNICAL SKILLS

Front End | HTML, CSS, Javascript, jQuery, Bootstrap, Tailwind, Handlebars, React, MUI

Back End | Node, Express, Apollo Server, Web APIs, Jest, Socket.io, Git

Database | MySQL, Sequelize, MongoDB, Mongoose ODM, GraphQL

WEB APPLICATIONS

Full Stack Developer | Pet Pals 2023

A social media app for pets with instant messaging React | MUI | Node.js | GraphQL | MongoDB | Socket.io

- Created login page, navigation bar, feed page, and chat box with mobile response capabilities using React and MUI.
- Installed Socket.io library to create a web socket and build the instant messaging feature.
- Created chat models with MongoDB to save user chat messages and chat rooms with friends.
- Used GraphQL to save and query messages and populate chat history when a user visits a chat room.
- **GitHub:** <https://github.com/BryantTrinh/Pet-Pals-A-Social-Media-App-for-Pets>

Full Stack Developer | Breath of the Wild Encyclopedia 2023

A Legend of Zelda: Breath of the Wild companion website Javascript | CSS | React | MUI | Web API

- Created the entire user interface with mobile response capabilities using React, CSS, and minimal MUI components.
- Modeled and built the frontend based off of images pulled from online resources.
- Fetched and parsed JSON data from an API endpoint to allow smooth integration with the frontend.
- Created custom functions to better organize and display API data for improved user experience.
- **GitHub:** <https://github.com/monysary/Breath-of-the-Wild-Encyclopedia>

Full Stack Developer | Vacayte 2023

A travel itinerary maker leveraging the Yelp Fusion API React | MUI | Node.js | GraphQL | MongoDB | Web API

- Created the entire frontend using React and MUI with custom styling utilizing MUI's sx property.
- Used the MVC paradigm to create a seamless integration between the frontend and the backend.
- Created data models for user and travel information with full CRUD capabilities using Apollo GraphQL.
- Implemented server side API fetching from Yelp's API endpoint and client side fetching to the server to retrieve JSON data and integrate with the frontend.
- **GitHub:** <https://github.com/monysary/vacayte-travel-app>

WORK EXPERIENCE

Pangea Laboratory | Laboratory Manager - Tustin, CA July 2020 - October 2022

- Managed two teams consisting of 8 Lab Technicians, 2 Clinical Laboratory Scientists, and 1 Associate Scientist.
- Reviewed regulatory documents and implemented quality assurance standards in the lab.
- Analyzed laboratory operation to find deficiencies and corrected them in time for regulatory inspection.
- Wrote code using vendor's proprietary software to create methods performed by automated liquid handling robots.
- Worked in a team of 10 to build an entire COVID-19 testing department within a matter of weeks.

Zymo Research Corp | Senior Research Associate - Irvine, CA January 2020 - July 2020

- Trained and managed 2 laboratory associates to perform a DNA sequencing assay.
- Created a small scale Laboratory Information Management System using Excel and Macros for the sequencing assay.
- Identified and troubleshooted issues regarding the sequencing assay and high complexity instruments.
- Communicate with customers to provide solutions to issues with company products.

EDUCATION

Full Stack Flex Coding Boot Camp | University of California, Irvine - Irvine, CA February 2023

A 12 week intensive program (24 CE units) focused on gaining technical programming skills in HTML, CSS, Javascript, jQuery, Bootstrap, Node.js, MySQL, MongoDB, Express.js, Handlebars.js, and React.js.

Biological Sciences, B.S | University of California, Irvine - Irvine, CA June 2016