

# MONY SARY

## Full Stack Web Developer

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## TECHNICAL SKILLS

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**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

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### Full Stack Developer | Pet Pals 2023

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

- Designed and created the login page, navigation bar, feed page, and chat box with mobile response capabilities using React with MUI and added custom styling.
- 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

- Designed and created the user interface with mobile response capabilities using React with inline CSS.
- Modeled and built the frontend based off of provided images from online resources.
- Fetched and parsed JSON data from an API endpoint to allow for 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

- Designed and created the frontend using React with MUI and added custom styling and themes.
- 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.
- Built a server side API endpoint to fetch Yelp data from the client, to secure private information such as the API key.
- **GitHub:** <https://github.com/monysary/vacayte-travel-app>

## WORK EXPERIENCE

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### 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 national quality assurance standards in the lab.
- Analyzed laboratory operation to find deficiencies and corrected them in time for regulatory inspection.
- Wrote scripts using vendor's proprietary software to create methods performed by automated liquid handling robots.
- Worked in a fast paced startup environment 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

- Modified scripts for high complexity liquid handling robots using vendor proprietary software.
- Created an Excel Macros and used in conjunction with a Python script to automate a DNA sequencing test.
- Identified and troubleshooted issues regarding the sequencing assay and high complexity instruments.
- Communicate with customers to provide technical support and solutions to issues with company products.

## EDUCATION

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### Full Stack Coding Boot Camp | University of California, Irvine - Irvine, CA October 2022 - 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 August 2012 - June 2016