

# MONY SARY

Burbank, CA

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

**Portfolio:** [www.monysary.com](http://www.monysary.com)

## SUMMARY

Web Developer with skills in frontend and backend, pursuing a position in web/software development. Leveraging 6 years of experience working in biotech and clinical labs. Skills in R&D, project management, team management, and operations. Known for calm demeanor with ability to independently and quickly learn new concepts, while being proactive and maintaining deadlines.

## TECHNICAL SKILLS

**Frontend:** HTML, CSS, Javascript, jQuery, Bootstrap CSS, Tailwind CSS, Handlebars.js, React.js, Material UI

**Backend:** Node.js, Express.js, APIs, Jest, Bcrypt, Socket.io

**Database:** MySQL, Sequelize.js, MongoDB, Mongoose ODM, GraphQL, Apollo GraphQL

## PROJECTS

**Name:** Pet Pals

**GitHub:** <https://github.com/BryantTrinh/Pet-Pals-A-Social-Media-App-for-Pets>

**Link:** <https://hidden-headland-00556.herokuapp.com/>

- Description: Social media platform for pet owners to connect and chat with each other about their pets and schedule play dates!
- Responsibilities: Frontend coding of home, feed, and chatbox components. Backend coding of instant messaging feature with messages saving into database.
- Tools: ReactJS, Material UI, Node.js, Apollo Server, MongoDB, GraphQL, Socket.io

**Name:** Bits Please Chat

**GitHub:** <https://github.com/monysary/Bits-Please-Chat>

**Link:** <https://damp-river-11459.herokuapp.com/>

- Description: An online instant messaging app where users communicate using only emojis!
- Responsibilities: Frontend coding of user interface. Backend coding of instant messaging feature, and database setup for creating user information and logging in.
- Tools: Handlebars.js, Tailwind CSS, Node.js, Express.js, MySQL, Socket.io

**Name:** The Weather Dashboard

**GitHub:** <https://github.com/monysary/Weather-Dashboard>

**Link:** <https://monysary.github.io/Weather-Dashboard/>

- Description: A weather app that allows users to search for current and future weather forecasts of cities, as well as save and delete the searches!
- Responsibilities: Frontend coding of user interface. Setting up API connection with public weather API and saving searches into localStorage.
- Tools: HTML, Bootstrap, Javascript, Third Party API

## EXPERIENCE

**Pangea Laboratory** - Tustin, CA

2020 - Present

**Independent Contracting Consultant** - Oct 2022 to Present

- Review laboratory documents pertaining to operation, quality assurance, and assay development while maintaining compliance with regulatory standards.
- Providing consultation for DNA sequencing tests.

**Laboratory Manager** - Jul 2020 to Oct 2022

- Managed two separate teams concurrently, all consisting of a total of 8 technicians, 2 Clinical Laboratory Scientists, and 1 Associate Scientist.
- Initiated and led team meetings to improve laboratory operation and quality to meet regulatory standards.
- Independently researched new technology, then purchased and deployed said technology for use in the laboratory.
- Created documentation, using regulatory approved scheme, for laboratory operations
- Wrote code for methods used by automated liquid handling robots.
- In charge of implementing a new DNA sequencing test for use on patient samples while adhering to regulatory standards.
- Prepared and helped lead laboratory inspection from the College of American Pathologist.
- Worked in a team of 10 to build an entire COVID-19 testing department .

**Zymo Research Corp** - Irvine, CA

2018 - 2020

**Senior Research Associate** - Jan 2020 to Jul 2020

- Trained and managed 2 lab associates to perform a DNA sequencing assay.
- Created a small scale Laboratory Information Management System using Excel and Macros for the sequencing assay.
- Troubleshooted issues regarding the sequencing assay.

**Research Associate** - Jun 2018 to Jan 2020

- Maintained communication with scientists and researchers interested in performing DNA sequencing.
- Performed research and development on new reagents for operations, and deployed its use in production.
- Sequenced 1000+ DNA samples with very minimal mistakes.

## EDUCATION

***Boot Camp Certificate:*** University of California Irvine, Irvine, CA

Oct 2022 - Feb 2023

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, jQuery, Bootstrap CSS, Node.js, MySQL, MongoDB, Express.js, Handelbars.js, and ReactJS.

***Biological Sciences, B.S:*** University of California Irvine, Irvine, CA

2012 - 2016