

# YSSABEL PANGILINAN

San Jose, California

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## EDUCATION

### University of California, Los Angeles - Extension

Mar 2020 - Sep 2020

Professional Certificate, Coding and Web Development, A+ average

### San Diego State University

Aug 2011 – May 2015

Bachelor of Science in Biology

## TECHNICAL SKILLS

HTML, CSS, Javascript, Node.js, React.js, Express, jQuery, ChartJS, Bootstrap, Material Design Bootstrap, Material UI, Materialize, MySQL, MongoDB, Firebase, AJAX, REST APIs, Agile Software Development, Git Version Control, JIRA, Bash/Terminal, Responsive Web Design

## PROGRAMMING EXPERIENCE

### MRKT - A Social Marketplace <https://github.com/JessYRaMa/mrkt> | <https://mrkt-jessyrama.herokuapp.com/>

- Implemented a consumer to consumer marketplace using MongoDB, Express, React.js, and Node.js, to allow users to create listings, follow/unfollow users, view listings, like/comment, add to cart, and checkout.
- Led a group of four and spearheaded the project plan which included the project road map and the user flow.
- Implemented User Authentication with Google Sign-in using OAuth, JSON Web Token, and Express-JWT.
- Designed RESTful back-end server by creating API routes using Express and NodeJS and tested API endpoints using Postman.
- Used the GetStream.io API to integrate an In-Application live chat for users.
- Utilized JIRA to assign and track specific project tasks and maintain collaboration for efficient completion of the project.
- Created the user interface using React.js, CSS, Material-UI and MD Bootstrap.
- Integrated Gateway Payment System using Braintree Sandbox to generate client tokens and process payments.
- Utilized: MongoDB, Express, React.js, Node.js, Heroku, Mongoose, OAuth, JSON Web Token, Lodash, Material-UI, Express-JWT, Cors

### GitFit - Fitness Tracking Application <https://github.com/JessYRaMa/GitFit> | <https://gitfit-jessyrama.herokuapp.com/>

- Designed a Fitness Application using MySQL, Node.js, Express.js, Javascript, and Chart.js which allows users to create their own profile, log their weight for a specific date and update their progress chart.
- Created the project idea and collaborated with a group of four to carry out the completion of the application.
- Researched and implemented data visualization of weight progression with Line Chart using ChartJS.
- Worked on both HTML and API routes using Express, ORM, and NodeJS and tested API endpoints using Postman.
- Refactored chart data using bubble sort (due to the small scale of the web app) to sort logged dates.
- Designed the user interface using HTML, CSS, Javascript, jQuery, and Bootstrap.
- Used an object-relational mapper (ORM) and Model View Controller (MVC) pattern to simplify the interaction with the SQL database and maintain organized code.
- Utilized: MySQL, Express, Chart.js, Node.js, Javascript, Heroku, JawsDB, jQuery

### Travellogged - Travel Planning Website <https://github.com/YPangilinan/Travellogged> | <https://ypangilinan.github.io/Travellogged/>

- Designed and developed a travel website using Javascript, jQuery and AJAX, allowing users to simplify their travel planning process. By utilizing multiple API's, the user is able to find flight information, events nearby, popular destinations in that area, and a map to their location.
- Created inputs and submit functions which initiated multiple AJAX calls to Skyscanner, Ticketmaster and Yelp API's in order to output the necessary data to the user.
- Utilized jQuery to shape the JSON data to be easier interpreted by the user.
- Designed the Travellogged user interface using HTML, CSS, jQuery, Javascript and Bootstrap.
- Utilized: HTML/CSS, AJAX, jQuery, Javascript

## WORK EXPERIENCE

### BD Biosciences | Customer Training Laboratory Specialist-Flow Cytometry | San Jose, CA

May 2019- Present

- Performs immunophenotyping assays for use in all instrument training courses.
- Analyzed and interpreted data using FACS Diva and FACS Suite software.

### Veteran's Medical Research Foundation | Research Associate - Translational Virology Core | San Diego, CA

May 2017- May 2019

- Performs high throughput immunophenotyping to identify T-cell activation by flow cytometry.
- Analyzed and interpreted data using FACS Diva and FlowJo Software.

### Biolegend | Quality Control Associate- Flow Cytometry | San Diego, CA

Dec 2015- April 2017

- Tested antibodies through surface, intracellular, and multicolor staining.
- Analyzed and interpreted data using FACS Diva and FlowJo Software.