YSSABEL **PANGILINAN**

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LinkedIn: linkedin.com/in/yssabel-pangilinan   **GitHub:** github.com/ypangilinan   **Portfolio:** yssabelpangilinan.dev

LANGUAGES AND TECHNOLOGIES
- **Proficient:** JavaScript, React, NodeJS, ExpressJS, HTML5, CSS3, React Testing Library, MySQL, MongoDB, DBVisualizer, REST APIs, AJAX, jQuery, Postman, Visual Studio Code, Git, JIRA, Figma
- **Exposure:** Scala, Thrift, Jest, Enzyme, TailwindUI, Tailwind CSS, IntelliJ, Mocha, Sequelize, Mongoose, Gatsby

PROFESSIONAL EXPERIENCE
Twitter, Inc. | Software Engineer I | San Francisco, CA   OCT 2021 - NOV 2022
- Led implementation and A/B experimentation on the Enter Username step in the Web Signup Flow which increased the number of users creating new usernames by +56% and decreased the number of skips on that step by -34.6%.
- Drove, researched, and authored a Technical Design Document for a new feature in the Signup Flow projected to largely increase the % of user signups and number of daily active users.
- Migrated backend Ruby on Rails architecture by creating new Thrift and REST APIs with exhaustive unit tests using Scala to create an optimized architecture, improve stability and performance, and reduce the amount of bugs.
- Mentored 1 engineering intern through weekly 1:1s providing guidance on the company's engineering best practices and career enabling them to become a more effective engineer.
- Collaborated with Product Designers, Project Managers, and Backend engineers to define project deliverables and specifications resulting in an efficient timeline completion and launch of multiple projects.

BD Biosciences | Customer Training Laboratory Specialist | San Jose, CA   MAY 2019 - OCT 2021
- Developed and implemented a workflow dashboard application for tracking laboratory samples needed for customer training using React increasing time from start sample delivery by +18% and decreased the preparation time by -23%, allowing for a more efficient laboratory workstream and an increase in productivity.
- Implemented new cell isolation protocol and compared their differences in time efficiency, cost, cell viability, and recovery using Ficoll, SepMate, and Accuspin techniques increasing cell viability by +15%, decreasing processing time by- 50%, and reduced department spending ~$8,000 annually.

EDUCATION
Certificate in Full Stack Web Development, *University of California, Los Angeles Extension*   SEP 2020
Bachelors of Science in Biology, *San Diego State University*   MAY 2015

PROJECT WORK
MRKT | Live URL | Code URL
Marketplace app with a social shopping and selling experience.
- Designed RESTful backend by writing 30+ API routes using ExpressJS and NodeJS and Mongoose allowing users to create and view listings, follow/unfollow users, and like/comment.
- Created the user-friendly interface and developed 40 client side components using React, CSS media queries, Material-UI, and MD Bootstrap for an enhanced user experience and optimized viewing on 15 different screen sizes.

GitFit | Live URL | Code URL
Fitness app that allows users to always keep track of their fitness progress on the go.
- Developed HTML and API routes and tested endpoints using Express, ORM, Node.js and Postman to simplify interaction with mySQL database and allow users to create fitness profiles, log their weight, and update their progress chart.
- Researched and executed 3 data visualizations using Chart.js to display user's weight progression in a line chart, bar chart or polar chart.
- Designed user interface and engineered 6+ different feature pages leveraging HTML, CSS, JavaScript and jQuery to maximize the user experience and allow for extra features such as a BMI calculator, calorie calculator and exercise randomizer.