Joana Lyne F. Mateo

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Skills

- JavaScript/TypeScript, React/Redux, Next.js, Node.js, Express.js, PostgreSQL, MySQL, RESTful APIs
- Sequelize, Jest, DBeaver, Docker, AWS RDS, S3, Elastic Beanstalk, Webpack, Babel, ESLint, Prettier, Git, Github
- User authentication, Unit and integration testing, Lighthouse, VSCode, Postman, Bash, Powershell

Projects

Fashion Alley   11/2022 - 02/2023
Next.js, PostgreSQL, Stripe, Iron Session

- Progressive Web Application (PWA) for women's clothing e-commerce site with ~500 products deployed on Vercel
- Composed RESTful APIs to fetch product data and user-related information from PostgreSQL database deployed on Amazon Web Services - Relational Database Service (AWS RDS)
- Implemented authentication using Iron Session, PostgreSQL full-text search and materialized view for efficient data retrieval, integrated Stripe checkout, invoice, and customer API for smooth checkout payment processing and order history functionalities, and a combination of client and server side rendering for optimal performance

Mangahub   09/2022 - 10/2022
Vanilla JavaScript, Express.js, MySQL

- Browse and read 400+ Japanese, Korean, and Chinese manga (comics) from 6 top-notch scan / translation groups, all with high quality products and are famous in the community using from Manga Scapper API
- Implemented essential features, including user registration, sign-in, and sign-out functionalities, enabling users to follow manga to track current reads and preferences, enhancing user engagement and personalization
- Deployed on Github Pages for front-end hosting, while utilizing Heroku for back-end deployment, and AWS RDS for efficient database management, ensuring smooth and reliable performance across platform

Umami   05/2022 - 06/2022
React, Express.js, styled-components, Webpack, Babel, ESLint / Prettier

- Discover 5000+ recipes from different cuisines and view recipe nutrition information from Spoonacular API
- Developed from scratch without relying on Create React App package, providing in-depth knowledge of React's underlying mechanisms and utilizing Babel, Webpack, ESLint, and Prettier configurations
- Utilized Jest, React Testing Library, and Mock Service Worker for comprehensive unit and integration testing, prioritizing quality assurance to guarantee the reliability and accuracy of the website's features

Experience

Senior Laboratory Technician   **NAMSA**   Irvine, CA   04/2021 - 01/2022

- Demonstrated strong problem-solving skills and adaptability by efficiently resolving unexpected occurrences, such as machine malfunctions and client contract changes, through effective communication and finding solutions within tight timeframes, resulting in high client satisfaction

Quality Control Microbiologist   **Pyramid Laboratories, Inc.**   Costa Mesa, CA   03/2020 - 04/2021

- Demonstrated strong leadership and mentoring abilities by guiding a team of 5 microbiologists, leveraging data analysis to identify improvement areas, resulting in a 20% reduction in investigation timelines and successful implementation of new testing methods

Education

Complete Web Developer   **Zero To Mastery**   03/2022 - 05/2022

- Acquired a solid understanding of fundamental web concepts including WWW, internet architecture, authentication methods, databases, and APIs
- Developed proficiency in essential web development skills, including HTML/CSS, DOM manipulation, JavaScript, Node.js, Express, React, PostgreSQL, among other relevant technologies and frameworks

Complete Junior to Senior Web Developer Roadmap   **Zero To Mastery**   07/2022 - 09/2022

- Explored advanced topics, including SSH for secure remote server access, performance optimization techniques, TypeScript for robust JavaScript development, and security measures to protect applications and user data
- Developed expertise in Redis, Docker, AWS, caching mechanisms, database scaling, CI/CD pipelines, service workers for PWAs, and utilizing Lighthouse for optimizing web app performance

Bachelor of Science in Microbiology **California State University Long Beach**   2019