

Aaron Yabut

Full-stack Software Engineer
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Technical Skills

Front-End: JavaScript, TypeScript, React, React Native, Axios, HTML5, CSS3, Styled Components, Material UI
Back-End: Node.js, Express, PostgreSQL, MongoDB, MySQL
Tools: GitHub, AWS, Expo Cli, NGINX, Xcode, Trello, Webpack, Babel, Figma, Loader.io, Agile Methodologies

Software Applications

READING RAINFOREST React | Axios | Express | Node.js | MongoDB | Material UI | Figma

A full-stack development of an application that allows users to trade books locally

- Architected UI design using Figma wireframing to create an intuitive UX and cohesive data flow between application components
- Obtained the ISBNs of the top-rated users' books, the books' title, cover page, and summary were collected by performing a GET request and utilizing the Google Books API, and were then stored in a useState hook
- Developed interactive carousels to display the book's information from the website's top rated users using Material UI
- Operated in an agile scrum environment with a team of 6 full-stack engineers

E-COMMERCE SYSTEM DESIGN PostgreSQL | Express | Node.js | NGINX | AWS EC2

Built and optimized a back-end API for an e-commerce application

- Utilized nested aggregate functions, such as json_agg, json_build_object, and json_object_agg, to optimize GET request queries, staging multiple tables into one query
- Deployed application to AWS with two EC2 T2-micro instances, integrated with a load-balancer using NGINX in order to optimize performance speed
- Achieved a throughput of 5,000 GET requests per second with an average latency of 3 ms and an error rate of 0% by adopting a least connection load-balancing and content caching
- Performed stress tests to discover bottlenecks in order to optimize the server and load balancer

ATELIER React | Axios | Express | Node.js | Styled Components | AWS EC2

A front-end development of a product page for an e-commerce application

- Built a ratings and reviews component, adopting a RESTful API to administer data to its features
- Implemented a sorting feature which allow users to sort reviews by newest, helpfulness, and relevance, integrated with a filter feature that filters the reviews by the user's product rating
- Constructed an average star rating feature that allows users to view the star rating average to the closest tenth value by recalibrating the width of the span to the average rating percentage
- Operated in an agile scrum environment with a team of 4 full-stack engineers

Work Experience

AMAZON FULFILLMENT CENTER | Associate 2020 – 2022

- Worked directly with customers to meet their custom order and item selection needs
- Handled multiple customer online orders at once in a fast, efficient, and timely manner

PARK PACIFIC TOWER SENIOR HOUSING | Group Fitness Instructor 2021 – 2022

- Provided clear and exceptional instructions of each exercise to seniors of all fitness level
- Provided exercise modifications in situations where the exercise is too difficult or too easy for the individual

Education

Hack Reactor | Advance Software Engineering Certificate 2022
California State University, Long Beach | B.S. Kinesiology | Cum Laude 2021