

Owen Yoshishige

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TECHNICAL SKILLS

Front End | Javascript, React, Next.js, HTML5, CSS3, SASS, Tailwind, Chart.js, Framer Motion

Back End | Node.js, Express, MongoDB, MySQL, PostgreSQL, RESTful API development

Testing/Deployment | Jest, Testing Library, Pactum, AWS: EC2, Vercel

Developer Tools | Git, npm, Webpack, Babel, Parcel, Agile Methodology, Yarn, VS Code, Postman

SOFTWARE ENGINEERING APPLICATIONS

Front-End Engineer | Atelier | <https://github.com/OwenMY/Atelier>

A product page where customers can examine products before making a purchase. (React)

- Worked in an Agile environment with a team of 4 engineers.
- Designed and built the Questions and Answers section with photo uploading and infinite scroll using Intersection Observer API for convenient scrolling.
- Improved Google Lighthouse performance ratings by implementing gzip compression, increasing performance ratings from 43% to 86%.

Back-End Engineer | Q&A API | <https://github.com/OwenMY/Questions-And-Answers-API>

A microservice from a monolithic API refactored to handle increased client traffic.

- Horizontally scaled throughput using an Nginx load balancer and 4 instances, decreasing latency times from 2800ms to 900ms.
- Further decreased average latency times to 70 ms using proxy caching while deployed on AWS.
- Reduced network errors from 2% to 0% by increasing worker processes.

Front-End Engineer | GymX5000 | <https://github.com/OwenMY/GymX5000>

An all-in-one healthy lifestyle app where you can find workouts, recipes, and classes.

- Worked in an Agile environment in a team of 9 engineers using git feature branch workflow.
- Built custom card component that accepts additional unique endpoint data allowing future updates to be added easily.
- Utilized React Router and React Hooks for a better user experience, building a single-page web app that smoothly re-renders components only when needed.

PROFESSIONAL EXPERIENCE

Electrical Discharge Machining Specialist | Harris Precision Mold

2020 - 2022

- Created programs with CAM software, SolidWorks, and hand-coding with G and M codes.
- Machined parts to meet the industry's tightest tolerances in accordance with engineering drawings and blueprints.

H-1 Powertrains Mechanic | United States Marine Corps

2012 - 2017

- Performed maintenance on H-1 series aircraft and conducted airfield operations for launch and landings.
- Received a Certificate of Commendation for managing a small team of Marines that took a failing tool control program to passing with only one hit on inspection.

EDUCATION

Hack Reactor | Certificate in Advanced Software Engineering

2022