

David Wang

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Technical Skills

Front end: Javascript (ES6), React / React Native, Redux, HTML, CSS, Sass, jQuery, Babel, Webpack

Back end: Node.js, Express, MySQL, MongoDB, Firebase

Testing / Deployment: Mocha, Chai, Loader.io, Docker, Artillery.io, Nginx, AWS (EC2, Elastic Load Balancer)

Software Engineering Applications

DINO-SORE - React, React Router Dom, Material-UI, Firebase, MongoDB, Sass, Node, Express

Workout Planning with real-time chat web application

- Created a workout and meal planning app with real-time chat, that allows users to communicate with their trainer, plan workouts and meals
- Led the team of seven as the UI developer using Agile practices, Trello board organization, git workflow, and figma to efficiently produce an original exercise-nutrition application based on client's request
- Implemented authentication of a user through Google Firebase authentication, providing security for log-in only feature

Catwalk37 - JavaScript, React, HTML5, CSS3, Axios, Babel, Webpack, EC2

Fast fashion apparel retail platform

- Built multiple stateless components using React with styled components and animations for better readability and modularity
- Customarily build rating and reviews widgets for ease of interaction with database and to cater to user needs
- Utilized lighthouse generated report as a guideline, to achieve near 100 accessibility score improving accessibility and user experiences

Pipes36 - MySQL, EC2, Docker, Nginx, artillery.io, loader.io

RESTful API for apparel retailer platform

- Scaled an e-commerce web application to support production-level traffic with access to over 50M records
- Improvised a swift and efficient process of Extracting, Transforming, and Loading data into the database, under 10min for over 50M records
- Horizontally scaled multiple dockerized express servers deployed on AWS EC2 and directed traffic via Nginx load balancer, capable of handling 900 RPS with under 30ms latency and under 1% error rate
- Benchmarked DBMS query execution and stress-tested service using loader.io to reduce latency

Experience

Okawa NYC - Waiter 2018 - 2020

- Interacted with 8 members in a fast-paced environment, communicating and cooperating to serve ~100 requests/day
- Organized ~50 delivery requests per day in a timely manner ensuring that orders get delivered

Education

Hack Reactor - Advanced Software Engineering Immersive Program

2021

University at Buffalo - Bachelor of Arts, Biological Science

2020

Personal

500+ hours served in Orthopedic Clinic & Operating Room at Elmhurst Hospital