

Raymond Tran

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TECHNICAL SKILLS

Front-End | JavaScript (ES5 and ES6), React, HTML5, CSS3, *Material-UI*

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

Testing/Deployment | Jest, Mocha, Chai, AWS: EC2 / RDS / S3, Heroku

Developer Tools | Vim, Git, npm, Nx, Webpack, Babel, Agile Methodology, TDD

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

ViceRoy | Software Engineer | *React.js, Vite, Firebase, Material-UI*

2023

Full Stack application of a mock cryptocurrency trading application that allows authorized users practice buying and selling without risk of losing actual money; Focused on Login/Register/Guest functionalities

- Collaborated in an agile team with 6 other engineers to design and configure **UX/UI**
- Achieved **Google Lighthouse** scores of 49, 100, 92, 92 for performance, accessibility, best practices, and SEO
- Implemented **Firebase Authentication** to check registered users for accessibility into the web application
- Managed and stored user login data in **Firestore Database** while securing and hiding passwords

Keyboard Gallery | Software Engineer | *React.js, CSS, Express.js, Node.js, MongoDB, Auth0, Cloudinary*

2023

Full Stack application that allows authorized users to share custom mechanical keyboard builds

- Achieved **Google Lighthouse** scores of 65, 91, 100, 90 for performance, accessibility, best practices, and SEO
- Built and styled a fully functional web application with **CRUD** capabilities using **React.js** and raw **CSS**
- Utilized **MongoDB**, **Cloudinary API**, and **Express.js** to query and store data efficiently
- Configured **Auth0** to implement a sign-in feature for authenticated users to give access for full web access

Project Atelier | Software Engineer | *React.js, CSS, Express.js, Node.js, PostgreSQL, AWS, Jest*

2023

Implementation of front-end and back-end solutions for an E-Commerce web application; Focused on Product Overview section

- Utilized **React.js** to build dynamic and interactive user interfaces, allowing clients to browse and filter products
- Achieved **Google Lighthouse** scores of 74, 59, 75, 80 for performance, accessibility, best practices, and SEO
- Implemented lazy loading for images and content to optimize **Largest Contentful Paint** by 3 seconds
- Optimized latency by configuring **NGINX Load Balancer and Caching**, reducing CPU bottleneck from 90% to 16%, increasing successful client requests per second from 1000 to 3500, improving average response times from 300ms to 62ms, and maintaining a 0% error rate.
- Deployed the entire application to **Amazon AWS (EC2)** and utilized **Imaging** from **AWS** to mimic identical instances for accurate reproduction of a server

SELECT EXPERIENCE

ADP | Associate Client Support Consultant

Nov 2022 - Feb 2023

- Utilized call system to assist clients with payroll inquiries and account management
- Followed up with clients to build client connection and ensure issues have been resolved
- Organized client cases to improve efficacy for peers and supervisor

Phin Smith Coffee | Barista/Cashier

May 2021 - Oct 2022

- Collaborated with managers and team members to streamline the process of preparing drinks to serve customers
- Mentored and motivated new staff members to ensure customer service satisfaction
- Assisted in research and development for seasonal drinks

EDUCATION

Hack Reactor | Certificate in Advanced Software Engineering

Jun 2023

- 1000 hours of coding in JavaScript, React, Express, PostgreSQL, MongoDB, and MySQL in an Agile environment, including solo coding, pair programming, and team collaboration.

California State University Fullerton | BS in Kinesiology

Aug 2016 - May 2021

Udemy | Certificate of Completion in The Complete Web Developer in 2022: Zero to Mastery

Oct 2022