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# Ryan Voong

## Languages and Technologies

- Javascript; React 18; NodeJS; Express 4; MongoDB; Mongoose; Firebase; HTML; CSS; Git; GitHub; GitHub Actions; DynamoDB; Mocha; Chai; Supertest

## Projects

**WorldAnime**: https://mal-simplified.web.app/                                                                        2023

- Deployed full stack web-app that showcases information for anime titles, including their trailers
- Built with ReactJS, Express, Firebase, and Cloud Firestore database
- Deployed with Firebase Hosting and Firebase Functions with Continuous Integration/Continuous Delivery (CI/CD) pipeline through GitHub Actions
- Optimized for scalability with CRUD operations through data caching and pagination
- https://github.com/ryanpv/mal-simp-api / https://github.com/ryanpv/mal-simp

**Reddit Bookmark Manager:**                                                                                              2022-

- https://github.com/ryanpv/reddit-bookmark-manager-client / https://github.com/ryanpv/reddit-bm-api   2023
- Full stack web-app built with ReactJS and Express that allows users to sync Reddit their reddit account and organize saved posts in custom categories
- Implemented pagination for fetched data from Reddit API and MongoDB

**NodeJS File Encryptor-Decryptor:** https://github.com/ryanpv/node_file_encrypt-decrypt              2023

- Utilized the crypto node module to build an Express app with EJS allowing users to concurrently encrypt/decrypt contents of single or multiple files at once. Reduce processing time by approximately 50%

**NodeJS Appointment Scheduler:** https://github.com/ryanpv/nodejs-appointment-scheduler            2023

- Express app that allows users to book and/or cancel appointments and keep track of them
- Integrated Nodemailer to implement automatic email notifications upon user bookings and cancellations
- Integrated ExcelJS to export data to an excel sheet for admin organizational use

**Pet Finder App:** https://github.com/ryanpv/pet-finder-api                                                         2023

- Express app that allows client to query the PetFinder API for adoptable dogs and cats within USA and Canada
- **Cache implementation for fetched filter data to reduce calls to API for better performance**

**NodeJS Expense Tracker:** https://github.com/ryanpv/nodejs-expense-tracker                            2023

- Express app to tracker user monthly spending with additional categorization and reduced personal spending by approximately 30%
- Optimized for scalability through caching and paginating data from MongoDB with CRUD operations

**Covid Tracker App:** https://github.com/ryanpv/covid-tracker-api                                                  2022

- Utilized RAPID-API to retrieve data for global COVID-19 infection statistics

**Personal Portfolio Site:** https://ryanvoong.dev

- Personal portfolio site to organize my projects and keep track of my progress

## Additional Experience

- Registered Nurse providing acute care to hemodialysis patients ensuring accurate treatments      2016-
- Clinic coordinator team lead for COVID-19 mass vaccination public health clinic with 20-25 staff   Current
  and nearly 1000 clients daily (2020-2022)
- Provide COVID-19 infection management for multiple families, schools, and congregate settings (2020-2022)