

Bernard Yang

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RECENT PROJECTS

Mythic+ Run Count

A World of Warcraft project that uses AWS Lambda to automatically record player data from an external API.

Features a frontend table and graph made with React and TypeScript

- Implemented Lambda function to record data (DynamoDB) from one of twelve API endpoints (varies weekly)
- Utilized React best practices including: reusable React components, a React custom hook and a central store for TypeScript interface models
- Created a graph using ReCharts charting library and utilized Lodash to interpret data

Twitter Purple

A pixel perfect clone of Twitter home screen. A frontend only project and features: Advanced CSS styling using TailwindCSS, state management with React Redux, and login with Firebase

- Made with mobile responsive web design to emulate Twitter's desktop and mobile views
- Used React Router to create separate views for tweets and comments
- Experimented with both Redux and Context to manage app-wide state, tweets persisted through localStorage
- Added Firebase authentication with multi-line form validation using Formik and Yup

Make My Day

A full-stack PERN project management app (Trello clone). Features a drag and drop Kanban board, a Gantt chart, and live communication using Socket.io

- Planned with user stories, ERD tables and designed with mock-ups made on Figma
- Create, edit, delete projects and tasks using RESTful Express.js back-end and PostgreSQL database

Smart To-Do

Written In JQuery, this project is a smarter todo list that auto organizes tasks based on a keyword match with various external APIs. Tasks can have a to buy, eat, watch, or read category

- Chained four external APIs into promises and arranged them in order based on their likelihood to return a match
- Used Regular Expressions to allow users to manually assign tasks when paired with a verb

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, HTML, CSS

Libraries: React, Vue, Next.js, Tailwind CSS, Material UI

Tools: Laravel, Express.js, SQL, NoSQL, Git

EDUCATION

Lighthouse Labs

Diploma in Web Development

May 2021 - Aug 2021

Remote, BC

Kwantlen Polytechnic University

Diploma in Business Administration

2009 - 2011

Richmond, BC

EXPERIENCE

Real Estate Agent | Macdonald Realty

- Conducted research on half duplexes in the city, specifically on homes with potential character home retention incentives. Helped clients source construction companies, architects and buyers

July 2018 - July 2020

Vancouver, BC

Insurance Customer Service Representative | Tony Lau Insurance

- Identified an opportunity for CSRs to save time hand typing renewal letters. Created Word templates to auto-fill names, dates, and other information from insurance CRM

June 2015 - Jan 2018

Vancouver, BC