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 an AWS Lambda function to record data from one of twelve endpoints from Raider.io API
- 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   May 2021 - Aug 2021
Diploma in Web Development   Remote, BC

Kwantlen Polytechnic University   2009 - 2011
Diploma in Business Administration   Richmond, BC

EXPERIENCE

Real Estate Agent | Macdonald Realty   July 2018 - July 2020
- Conducted research on half duplexes in the city, specifically on homes with potential   Vancouver, BC
  character home retention incentives. Helped clients source construction companies,
  architects and buyers

Insurance Customer Service Representative | Tony Lau Insurance   June 2015 - Jan 2018
- Identified an opportunity for CSRs to save time hand typing renewal letters. Created   Vancouver, BC
  Word templates to auto-fill names, dates, and other information from insurance CRM