DAN KIM

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SKILLS

JavaScript | React | React Native | Redux | Apollo Client | Node | Python | Flask | SQL | Git | Docker | HTML | CSS

EXPERIENCE

Refract Labs, *Fullstack Developer*   Remote   May 2021 - Present
Project: Auto loans data visualization web application
- Develop features at a tech agency that builds web and mobile applications for clients using React / React Native / Node
- Build filters for Chart.js components that visualize up to 4 million rows of data using Redux, React-Query, and Material-UI
- Implement new API endpoints using Query Builder in the Express / TypeScript backend
- Attend daily scrum to clarify sprint objectives, and client meetings to identify business and technical requirements
- Mentor interns by pair programming with them and reviewing draft pull requests

UrKip, *Software Engineering Intern*   Remote   Jan 2021 - May 2021
Project: UrKip Mobile App
- Built and maintained React Native app at an early stage startup for AI career coaching as the first frontend engineer hire
- Refactored the app by replacing Redux and Axios with Apollo Client to accommodate for GraphQL adoption
- Implemented infinite scroll by configuring cache field policies in Apollo Client with merge and read functions

PROJECTS

Shibal (React Native, Redux, Flask, SQLAlchemy, AWS, shibe API, Expo, JSX)   **[GitHub](#)**
iOS & Android compatible dog training mobile app for shiba inu owners to train and bond with their companion on a platform that features online education & social media elements
- Designed and built Flask server and APIs with validations and protected routes
- Implemented lesson completion feature by traversing training program tree with a recursive custom hook and global state management using Redux
- Created Postgres database with column and table-level constraints and relationships
  - Eliminated orphan data by enforcing cascade deletion

WOGOS.com (React, Redux, Flask, SQLAlchemy, RAWG API, JSX, CSS3, Bootstrap)   **[Live Site](#) | [GitHub](#)**
Single-page e-commerce website inspired by GOG.com for PC games
- Integrated full CRUD user authentication with PBKDF2 encryption and session with JWT to grant user privileges to protected routes such as checkout and session cart versus open routes such as home, store, and visitor cart
- Configured the Redux Store to persist user session data as a slice of state, which enabled teammates to implement features to interact with relevant components and views as the logged in user
- Constructed dynamic search bar component that handles on-change user input to fetch the database per keystroke
  - Conditionally renders desired results with a query that filters and limits results

Dizney+ (Node, Express, YouTube API, Sequelize, AWS, HTML5, CSS3)   **[Live Site](#) | [GitHub](#)**
Disney+ inspired web app where users can stream 250 trailers from YouTube
- Built the video content details page to fetch and render information as well as display suggested videos
- Integrated YouTube API to embed a full screen video player to playback selected content
- Organized daily scrum to discuss sprint objectives as well as merge and integrate features developed by teammates

EDUCATION

App Academy   New York, NY   Apr 2020 - Oct 2020
1000-hour immersive full stack web development and computer science intensive
Topics: Test Driven Development, Object Oriented Programming, Agile, Data Structures & Algorithms, and Design Patterns

Brown University   Providence, RI   Sep 2012 - May 2016
Bachelor of Arts in Economics | **GPA**: **3.7** / 4.0