Sutthirath Sean Vilaysane

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TECH STACK

MongoDB   Express.js   React.js   Node.js   GraphQL   PostgreSQL   CSS   HTML   JavaScript

PROJECTS

Funch | Full Stack Engineer
Lunch planning app for students with the ability to share meals with friends.
- MERN stack application with a GraphQL architecture to reduce expensive API calls
- Apollo Server v2 to simplify GraphQL reference implementation for defining schemas
- Authentication to save users, meal tickets, favorite restaurants to a Mongo database
- Parents have admin control over student accounts and can access full activity history
- Currently a web application but will implement React Native mobile app

Yocal | Full Stack Engineer
A social application for the wandering travelers and created for the local community in mind.
- React, Express, and Node frameworks are at the core of the application build
- Mobile first design with a beautiful material design interface integrated with MaterializedCSS
- Utilizing the Foursquare API, users can find points of interest by search input or geolocation
- Users can connect with local experts with real-time chat via socket.io
- Storage for favorite places and chat messages are made with MongoDB and PostgreSQL

Seattle Transit | Frontend Engineer
Local transit application with the collaboration of my colleagues Henry Hong and Christoper Tack
- I took charge of the user experience and user interface design of the project
- Using my knowledge of UX and Adobe XD skills, I created the slide deck and high fidelity wireframes
- Axios was leveraged to query the OneBusAway API for transit stops, meta data and real-time updates
- Architected the Mapbox API integration for displaying stops on map, custom markers and user location
- Implemented MaterializedCSS components for seamless transitions and a clean material interface

Bug Invaders | Full Stack Engineer
A highly addictive wave defense game and lightweight on the user's browser.
- JavaScript ES6 optimized for full browser support
- Event driven game application with articulate DOM manipulation
- Future features will include intricate animations and fun special items

EDUCATION

General Assembly   Seattle, Washington | Dec. 2018

University of Central Florida   Orlando, Florida | Dec. 2015