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ROBB MARSEE

TECHNICAL SKILLS

GENERAL – Software Development, JavaScript, ES6, JQuery, HTML, CSS
FRONTEND – AngularJS, React, React Native, React Router, Redux, Backbone
BACKEND – Node.js, Express, MongoDB, PostgreSQL MySQL, Redis

SOFTWARE ENGINEERING PROJECTS

RUPAUL'S FANTASY DRAG RACE

An interactive game where players earn points each week based on predictions of who will be eliminated

Tech Stack: AngularJS, Node.js, Express, MySQL

– Designed a database schema storing user votes which updated a player's score each week based on result
– Implemented a scoreboard allowing users to see their ranking and search for specific users
– Deployed on Heroku generating over 200 users to the application

NEARBY

An augmented Reality iOS application which allows users to see nearby events and places

Tech Stack: React Native, Redux, three.js, Node.js, Express, Redis

– Constructed a modular backend effectively routing requests from the frontend based on users' location
– Aggregated relevant data using Google Maps, Eventful and Flickr APIs to create a simplistic UI
– Implemented an algorithm calculating the position and distance rendering POIs correctly in AR view
– Designed a database storing user created places/events allowing these to be deleted based on user input

VIME

A messaging platform where you can only send videos and gifs messages to friends

Tech Stack: React, React Router, Node.js, Express, PostgreSQL, WebGL

– Implemented authentication allowing users to access an online portal using bcrypt and express-session
– Expand features from sending video via links to sending video to users through their online portal
– Introduced gif search functionality allowing users to send gifs using the Giphy API

REELTIME

Peer to peer video streaming service using WebRTC with video and text chats
Tech Stack: React, Node.js, Express, PeerJS, Socket.IO

– Created a peer-to-peer connection transmitting text and video files between two client browsers
– Designed a simplistic user interface allowing users to connect with each other and stream video

PROFESSIONAL EXPERIENCE

WATERSHED ASSET MANAGEMENT - *Portfolio Accountant - San Francisco, 2013 – 2016*
PwC – *Investment Management Associate - San Francisco, 2011 – 2013*

EDUCATION

OREGON STATE UNIVERSITY - *Part Time B.S. Computer Science – Online, Estimated Completion 2019*
HACK REACTOR - *Advanced Software Engineering Immersive Program – San Francisco, 2016*
MIAMI UNIVERSITY - *B.S. Accounting, Minor Decision Science – Oxford, 2007 – 2010*