MICHAEL PANETTA

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Technical Skills

Front-End JavaScript (ES5, ES6), React, Redux, AngularJS, Vue, Vuex, HTML5, CSS3
Back-End Node.js, Express, SQL, PostgreSQL, MongoDB, Redis, Socket.io
Tools Git, npm, Webpack, Babel, Mocha, TDD

Software Engineering Applications

Social Nights *Collaborative live Spotify playlist curating designed for parties or gatherings*
Vue, Node.js, MongoDB, Redis, Express, Socket.io
- Outlined and deployed initial modularized Vue and Vuex application framework
- Setup MongoDB queries and routed data to front-end component functions
- Designed flexible CSS for desktop or mobile site usage

Food Fighter *Game-themed website for competing with friends to decide on a restaurant*
React, Node.js, PostgreSQL, Express, Socket.io
- Supplemented stored data in PostgreSQL database and added functionality to track metrics
- Implemented server-side timing events to manage client state on components
- Led scrum meetings each morning to track group members' progress and organize planning

Tweet Map *United States heat map based on keyword mentions using streaming Twitter data*
React, Node.js, MongoDB, Express, D3.js
- Setup functionality to stream data from Twitter API to importable JSON format for MongoDB
- Designed database algorithm to pull keywords from archived tweets for client-side display
- Designated goals and delegated tasks on a recurring basis as agile team lead

Handycap *Database backed application for storing and calculating golf handicaps*
React, Node.js, PostgreSQL, Express
- Designed PostgreSQL database schema for storing national golf course data
- Implemented session tracking to manage signup and login states for multiple users

Professional Experience

Rexel *Outside Sales Representative*
- Fostered relationships with potential growth customers in the manufacturing industry

Comtech *Network Engineering Project Manager*
- Fulfilled contracts for the U.S. military as lead project manager and Cisco network engineer
- Worked on-site in Jamaica with a local partner to deploy the island's first 4G cell network

Epic Systems *Admissions/Discharge Technical Services*
- Trained in MUMPS and SQL as expert in software application module
- Utilized Visual Basic to develop metric reporting for my application group

Education

Hack Reactor Austin Advanced Software Engineering Immersive - 2018
University of Virginia B.S. Mechanical Engineering, Minor in Engineering Business - 2012