Chandler Ocapan

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Technical Skills

Front-end: JavaScript, C#, React, ES6, HTML, CSS, Sass, React Styled Components, Axios
Back-end: Node.js, Express, ASP.Net, MySQL, PostgreSQL, MongoDB, Mongoose, RESTful API
Testing/Tools: AWS, Mocha/Chai, Jest, Enzyme, Git, CircleCI, Webpack, Babel

Software Engineering Applications

Mouton Catwalk | JavaScript **|** React **|** Express **|** Jest **|** Enzyme **|** Sass
Front-end focused web application for an ecommerce website that displayed product information
- Designed a product card carousel using React and a RESTful API backend to display relevant product information to the user while having the front end clearly communicate interactions based on user actions
- Implemented a Features Comparison modal with the use of React Portals to render this component outside of its parent component DOM hierarchy to avoid CSS conflicts
- Utilized local storage properties to ensure persistence of the "Saved Outfit" feature, to allow the user to save favorited items without the use of a database

Rust API | JavaScript **|** Node.js **|** Express **|** PostgreSQL | AWS
A revamped legacy API for an ecommerce website optimized and scaled to increase response times and performance
- Enhanced query performance with PostgreSQL unions and aggregate functions, reducing queries needed to one, thus lightening database load
- Identified a 600 rps system bottleneck with Loader.io to increase robustness and availability of the server
- Utilized NGINX load balancers to horizontally scale the backend, increasing rps by 33%

Pacific Microphone | JavaScript **|** Node.js **|** React **|** Express **|** MongoDB   https://pacificmicroph.one
Full-Stack web application that provided practice tools for actors with the use of IBM Watson API
- Implemented user access to IBM Watson API generated audio files by writing them within the server's public directory and returning the file path of each audio file to use as a source for front-end audio constructors
- Collaborated with six other software engineers using agile practices in order to gauge team progress, maximize team proficiency and to ensure a smooth workflow inorder to meet needs specified by the client
- Conducted several client meetings to certify that specified needs were being met, while honing in on overall project scope

Previous Experience

XPO Logistics | Transportation Specialist   2019-2020
- Received Peak Excellence award for exceptional performance and reliability throughout peak season
- Redesigned our site's truck log form to better reflect relevant information needed by team leads/supervisors
- Crafted daily volume reports for our team in order to establish clear goals and optimize workflow

The Servery Dining Commons | Supervisor   2013-2018
- Lead a team of 50+ employees to provide a variety of quality fresh foods and exceptional service
- Performed daily inspections of food/drink stations to ensure food safety regulations were being followed
- Promoted from janitor to Supervisor over the span of 4 years.

Education

Hack Reactor | Advanced Software Engineering Immersive Program, US Remote   2021
California State University - Sacramento | B.S - Computer Engineering   2018
- Member of Tau Beta Pi **|** Engineering Honors Society