

# 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 in order 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