

TRAVIS LY

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[Portfolio](#)

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SKILLS AND TECHNOLOGIES

Languages: Python | JavaScript | ES6 | SQL | HTML | CSS

Databases & ORMs: PostgreSQL | Sequelize | SQLAlchemy

Cloud Services: Amazon Web Services (AWS S3) | Heroku

Other Technologies: Docker | Postman | REST APIs | JSON

Frameworks: ReactJS | Redux | Node | Express | Flask | Material UI

Testing: Chai | Mocha | Pytest | Test Driven Development (TDD)

Version Control: Git | GitHub

Other Skills: Documentation | Multilingual (Mandarin/Vietnamese)

PROJECTS

OpenMenu | *(React / Redux, JavaScript, Node.js, Postgresql, Express, Git, HTML5, CSS3)*

[live](#) | [GitHub](#)

- Engineered a **PERN** full-stack application, following a DRY architecture approach to establish dynamic and reusable code that is easily maintainable
- Implemented a real-time search feature to allow users to find things more efficiently and improve user experience
- Incorporated **Redux** state management to ensure smooth and reliable statewide access of data for clear data flow
- Optimized performance of application by utilizing **React Router** to reduce **React** component re-renders to provide a seamless user experience

Vybeful | *(React / Redux, JavaScript, Python, Node.js, Flask, Git, HTML5, CSS3)*

[live](#) | [GitHub](#)

- Successfully created a Spotify clone that incorporated user-friends to build community among the application
- Implemented custom **React** components to create a single-page website with fully dynamic data rendering
- Incorporated **session-based authentication** for user privacy and autonomy with login to verify that a user's functionality is limited to one's account
- Leveraged **Python** and a **Flask** framework for server-side development to add increased flexibility of system design

The Guild | *(Javascript, Pug, SQL, Express, HTML, CSS)*

[live](#) | [GitHub](#)

- Implemented minimalistic and user-friendly styling for **UI Design** to mirror modern convention for consumer interest
- Coordinated as team **scrum master** for this group project to improve workflow and minimized merge conflicts through version control
- Utilized **Bcrypt.js** hashing library and algorithm to ensure user security through hashing new user passwords
- Developed the front-end with PUG templates to reduce code redundancy

EXPERIENCE

Supply Chain Coordinator, *MicroFix, Tempe, AZ*

Oct 2018- Mar 2019

- Analyzed supplier relationships to provide a more strategic and beneficial outcome that cut costs by 10%
- Initiated an organization-wide digital transformation by automating key processes such as invoicing and customer service to add efficiency and reduce lead time
- Implemented cost-saving initiatives by eliminating waste and non-value added activities to ensure a more robust and lean supply chain

Sustainable Citizenry Intern, *City of Tempe, Tempe, AZ*

Jan 2017- May 2018

- Collaborated with a team of six to analyze Tempe's efforts to become a more sustainable city
- Analyzed the impacts of a circular economy approach in relation to sustainability to identify areas of opportunity

Commercial Sales Consultant, *Commercial Sales Consultant, Rosemead, CA*

Nov 2009 - Aug 2014

- Built strong customer relationships with each client and identified customers' needs to customize insurance programs to increase customer retention
- Successfully redeveloped and managed the firm's commercial outsource program to add efficiency and effectiveness that increased lead generation by 15%

EDUCATION

App Academy - *Computer Software Engineering*

Jan 2022

W. P. Carey School of Business, Arizona State University *(3.8 GPA)*

April 2019

- *B.S. Supply Chain Management*

- *B.A. Business Sustainability*