ALPESH VYAS

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PORTFOLIO | GITHUB | LINKEDIN

SKILLS

**Python | JavaScript | MATLAB | C++ | LabView | React | Redux | Material-UI | CSS3 | HTML5 | Pug | Express | Flask | Sequelize
SQLAlchemy | SQL | PostgreSQL | Docker | AWS | Mocha | Chai | AJAX | REST API | LaTeX | OOP | TDD | HTTP | JSON**

PROJECTS

Slash Line (Python, Flask, ReactJS, Redux)   live | github

Slash Line is a fantasy baseball application that uses Python, ReactJS and Redux to incorporate baseball analytics and media.
- Employed the MLB Data API to query for real-time player, team and game data to allow users to build fantasy teams and leagues using up-to-date information.
- Developed a clean UI utilizing React-Table, React-Carousel and React components to allow users to search, sort, filter and compare sabermetric data on players and teams.
- Implemented an organized backend database using PostgreSQL, Flask, and SQLAlchemy to efficiently perform CRUD actions on large amounts of data.

WhateverNote   (Python, Flask, React.js, Redux)   live | github

WhateverNote is a clone of the application EverNote using Python and Flask in the backend and ReactJs and Redux in the frontend.
- Built backend routes using Flask and SQLAlchemy to perform CRUD actions on Notebooks, Notes and Tags.
- Designed reusable components with React and JSX to enhance modularity and scalability of the application while maintaining reliability.
- Organized project issues and oversaw group coordination and communication as the team's scrum master utilizing github's kanban board.

Code Hunt   (JavaScript, Express, Pug)   live | github

Code Hunt is a clone of the web application Product Hunt where users can find, post and comment on coding videos.
- Built a robust search feature from frontend to backend allowing users to query for coding videos by title or programming language and displaying the results.
- Created backend routes to query for posts and comments and employed filtering to display posts on the homepage sorted by most recently updated.
- Implemented user authentication and authorization using Express as well as error handling to ensure that users are only able to perform actions on their own posts, comments and profiles.

EXPERIENCE

Barista

The Coffee Bean and Tea Leaf -- April 2019 - April 2021 | *Starbucks* -- Sept 2015 - March 2017| *Target* -- Jan 2014 - July 2016
- Managed peer and customer relationships creating a quality work environment and exceptional customer experience that encourages returning business.
- Increased sales by helping guests find the right beverage and food choices and introducing guests to new items that they would like based on a detailed knowledge of the menu and personal connections made with the guest.
- Prepared, placed and received supply orders, handled inventory and maintained the cafe area.

Front End Associate

Costco Wholesale -- April 2018 - October 2018
- Worked well independently and as a team, always keeping myself busy and on target in a large corporate retail environment.
- Interacted positively and professionally with hundreds of customers daily handling member service issues, operating POS, and promoting the Costco Citi Visa and membership upgrades.
- Cross-trained in multiple departments including Membership, Optical, Food Court, Bakery, Merchandising

EDUCATION

App Academy - *Full Stack Software Engineering Track* | November 2020 - April 2021
San Jose State University - *pursued BS in Physics with a minor in Mathematics | Research: Computational Condensed Matter Physics under Dr. Eshan Khatami* | January 2013 - June 2016