KEVIN BARTOLOME
Software Engineer

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SKILLS: JavaScript, Python, AWS S3, Git, Google Maps API, React, Redux, Node.js, Express.js, SQL, PostgreSQL, SQLAlchemy, Flask, HTML, CSS, Linux, RESTful APIs, Test Driven Development, Object Oriented Programming, Agile Development, Scrum, Heroku, Docker

PROJECTS:

Filter   (*Python, Flask, React, Redux, Docker, PostgreSQL, HTML 5, CSS 3, RESTful APIs, AWS S3, Google Maps API)*   live | github
Full stack single page webapp where users can create a coffee shop business listing or write reviews for coffee shops
- Stored all image uploads in the cloud using AWS S3, reducing server load to allow the app to scale gracefully
- Created relational databases using Python and SQLAlchemy in order to easily find and sort related table information
- Observed React and ES6 best practices in order to create a true single page reactive web app user experience
- Incorporated Redu**x** architecture's unidirectional data flow with React for predictable state and reliable DOM rendering
- Designed with RESTful API for extensibility and testability

Vacay N Stays (*Python, Flask, React, Redux, Docker, PostgreSQL, HTML5, CSS3, RESTful APIs, AWS S3, Google Maps API)*   live | github
Full stack group project single page webapp where users can book vacations at luxurious or unique spots
- Led and maximized group workflow efficiency by organizing individual project tasks for each team member for the duration of the project
- Ensured user privacy and autonomy through frontend authentication measures and React Router, allowing users to only access and make changes to their own listings and reservations when logged in
- Enhanced user experience by utilizing Google Maps API to dynamically display the location on a map as well as additional map functionality such as directions, zooming, and panning on the map based on user input and property location
- Managed scheduling, total price calculations, and bookings CRUD through custom database operations using PostgreSQL
- Implemented custom modal frameworks using React components allowing for efficient development of new forms

Wallpapr   (*React, Redux, JavaScript, Node.js, Express, PostgreSQL, Sequelize, HTML5, CSS3, RESTful APIs, AWS S3)*   live | github
Full stack image sharing single page webapp where users can upload or discover epic desktop wallpapers
- Engineered Redux to create a single page app to dynamically render React components without a refresh
- Configured Bcrypt to hash user passwords and store them in the database to implement access control lists
- Generated a Node.js backend using the Sequelize ORM to handle validations and PostgreSQL database queries
- Used AWS S3 for image uploads, reducing overall server load and allowing for future scalability of the app's image services

EXPERIENCE:

Founder & Owner | *eCommerce Store*
Creatxvely   Jul 2019 - Dec 2021
- Maximized product sales from 2020 to 2021 by 400% through temporarily increasing ad spend
- Devised a repeatable strategy for current and future products to increase initial sales revenue by up to 85%
- Yearly revenue in 2021 of $75k, with costs at $60k - profit margin of 20%
- Improved bottom-line profit by 10% by re-negotiating supplier contracts

Professional Gaming | World of Warcraft
Blizzard Entertainment   Apr 2018 - Jul 2020
- Led team of 20-25 members, including conflict management, performance evaluation, presentations, and recruitment
- Earned top 4 in Blizzard official national tournament in 2020 (~10M total players) and qualified for the global finals

EDUCATION:

California State University, Northridge - *BA Psychology*   Sep 2015 - Dec 2019
App Academy - Rigorous 1000-hour software development coding bootcamp with <3% acceptance rate   Jan 2022 - *Jul* 2022