KEVIN BARTOLOME
Software Engineer

818-585-4773   kevinzy17@gmail.com   Portfolio   LinkedIn   Github

SKILLS

Python, TypeScript, JavaScript, HTML, CSS, SQL, PostgreSQL, React.js, Next.js, Node.js, Express.js, Flask, Docker, Mocha, Jest, Pytest, Unit Testing, REST APIs, Google Cloud Platform (GCP), Amazon Web Services (AWS), Agile, CI/CD

PROJECTS

Vacay N Stays | (Python, Flask, React.js, Docker, PostgreSQL, SQLAlchemy, AWS S3, Google Maps API, Heroku)   live | github

Airbnb inspired fullstack single page app (SPA) with full CRUD capabilities for profiles, hosting, bookings, and reviews

- Led a team of 3 engineers and reduced GitHub merge conflicts by 95% by creating and managing a project board
- Doubled group work efficiency by adjusting the team's daily activities and sprint goals based on latest tasks completed
- Implemented a bookings feature that used the Google Maps API to display all of the user's planned vacations and also to calculate the user's distance to their booking's location

Wallpapr | (JavaScript, CSS, React.js, Redux, Node.js, Express.js, PostgreSQL, Sequelize, AWS S3, Heroku)   live | github

Flickr inspired full stack single page app (SPA) with full CRUD capabilities for profiles, images, and reviews

- Leveraged Redux to create a single page app to dynamically render React components without a refresh
- Generated a Node.js backend using Sequelize to quickly handle validations and PostgreSQL database queries
- Used AWS S3 to reduce server load by 80% on photo uploads and to scale image storing services

Google Search | (Next.js, React.js, Tailwind CSS, Google OAuth, NextAuth, Google Cloud Platform, Vercel)   live | github

Google Search Engine web app built using Next.js that features full capabilities of a real Google search

- Designed using Next.js to enable server side rendering to improve user experience by optimizing page load speed
- Architected Google OAuth with NextAuth to provide secure user login without need to risk exposing account details
- Implemented Google's Search Engine API to replicate 100% accurate results for both search and image results

J.A.R.V.I.S. | (Python, Discord API, Weather API, Geolocation API, Google Cloud Platform)   github

Customized Discord bot that executes and automates tasks through custom commands on Discord

- Utilized a Geolocation API to locate a user's geographical location details when provided an IP address
- Used a Weather API to get a city's weather forecast, accepts multiple commands such as zip code or city name
- Introduced Google Calendar API to enable bot to instantly create and add events to my personal Google Calendar
- Engineered web scraping functionality of a product search results page on Amazon that outputs results to a CSV file

WORK EXPERIENCE

Instructional Assistant

App Academy   2022 - Present

- Mentored 100+ students on software engineering concepts such as agile web development when building web apps
- Conducted product design and code reviews, and helped students setup of continuous integration and continuous delivery throughout the software development life cycle to provide guidance on project feature requirements

Product Manager & Sales Representative | Amazon Online Store

Creatxvely   2019 - 2021

- Helped increased sales by 40% by interacting directly with customers to provide solutions to any issues encountered
- Researched and designed three custom products which each sold over 500 units in the first month of products' launch

EDUCATION

App Academy - 1000-hour 6 month full stack software engineer developer bootcamp   2022
California State University, Northridge - Bachelor's Degree   2015 - 2019