

Raul Gallegos

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Skills

Languages and Frameworks: Python (Flask, Django) , JavaScript and HTML (Bootstrap), CSS

Tools: Git, Linux, Docker, Elasticsearch and Kibana, Pytest, AWS, Stripe, Nginx, PostgreSQL

Projects

[docuSnippets.com](#)

- Developed web applications using the Flask microweb framework, gaining experience with routing, template rendering, and various Flask extensions and libraries. Incorporated tools such as Pytest for unit testing, added a search engine using Elasticsearch, and implemented the Stripe API for payments. Utilized an Application factory pattern for structuring my application, this pattern allows for more flexibility and makes it easier to create multiple instances of the application for different environments, such as testing, development and production. Experience in building RESTful web-services for the application.
- Enhanced my skills in version control using Git, utilizing its branching features to manage the development and deployment of my website. This included pushing to a local test server and using pull requests to incorporate changes to the main branch.
- Gained experience with the Docker containerization platform, using it for testing and development. Docker helped me to easily manage dependencies, simplify deployment and ensure consistency across different environments, which helped me to improve the quality of my code and reduce bugs.
- Used a personal server running Linux, in addition to AWS (specifically EC2) and Linode, to gain experience in utilizing different platforms for testing, hosting, and managing my websites. This hands-on experience allowed me to become proficient in a variety of tools and technologies for web development and deployment, including cloud-based hosting solutions.
- Utilized the Bootstrap framework for a responsive design and layout, allowing the website to display properly on various screen sizes and devices.
- docuSnippets is a software service for healthcare professionals that allows users to create and share documentation templates or notes. Features include the ability for users to create custom snippets, upvote/downvote functionality, and copy and pasting capabilities to easily transfer information between patient charts.

[PenguinTheFlipper.com](#)

- Built for a client who wanted to list and sell items locally, this project was initiated from my [Django E-Commerce Template](#) project.
- Gained experience with the Django web framework and learned how to build a dynamic, database-driven website using Python. Continued to develop skills in Python and JavaScript, including syntax, data types, and common libraries.
- Deployed the application on Linux servers, gaining hands-on experience with server administration and Linux commands.
- Utilized AWS S3 Buckets to store and retrieve images, gaining experience with cloud storage and data management on AWS.

[Personal Portfolio](#)

- Created and hosted a personal portfolio website using GitHub Pages, gaining experience in web design and development using HTML, CSS and the Bootstrap Framework, allowing me to showcase my work and skills to potential employers and clients.
- Implemented a contact form using the Formspree API service for easy and secure submission of user information.

[Command Line Card Game](#)

- Acquired a solid understanding of Object-Oriented Programming (OOP) principles, including the ability to define and create classes, and utilizing inheritance to establish class hierarchies in Python
- Organized code into modules and packages for better manageability and reusability.
- Gained experience with debugging and testing code to ensure its correctness and functionality.

Work Experience

Physical Therapist Assistant

August 2012 - Present

Dallas-Fort Worth metroplex

- Gained experience and skills like problem solving, paying attention to detail, communication, and technical skills. Examples included developing treatment plans and identifying solutions to problems that may arise; being detail-oriented when working with patients, like following protocols and procedures; communicating effectively with patients, their families, and other healthcare professionals; and using a variety of tools and technologies such as electronic medical records systems and specialized equipment.

Education

Tarrant County College

Associates of Applied Science of Physical Therapist Assistant

May, 2012

Fort Worth, TX