Douglas P. Mumme

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EMPLOYMENT HISTORY

Software Developer – Yak Access   **April 2021 – Present**
- Develop, test and implement's scalable software solutions on Yak Access's web and mobile apps utilizing the Outsystems platform.
- Handles the deployment process from our development environment to our production environment.
- Participates in daily dev team meetings in order to transform user's needs into proposed application designs.
- Create/writes documentation and UML diagrams for software processes to improve maintainability.

PROFESSIONAL FREELANCE WORK

Stokes Distributing - [Website Link](#)
Skills – Python - Django, JavaScript, Amazon S3, Bootstrap, SQL, Heroku
- I was tasked with building a website for a beer distributer named Stokes Distributing to display all their products and their business along with implementing a lot of other features.
- Built using a Django (MVT pattern) back end to handle data, and a JavaScript and Bootstrap front end, to produce a smooth scalable website.
- Makes use of Encompass's external API to provide all the products and their information that Stokes carries.
- Integrated with Amazon's S3 cloud storage to store and serve all static and media files for this website.

PERSONAL PROJECTS

VirtualMarket - [Github](#) | [Website Link](#)
Skills – Python - Django, Django Rest Framework, Websockets, Javascript, Bootstrap, PostgreSQL, Docker, Nginx
- A virtual stock market where the user can buy and sell stocks using virtual currency.
- Django Rest Framework was used to build the internal API that is used to handle all business logic associated with the application and ensure a modular design pattern.
- Implements websockets using Django Channels to provide real time data by the second to the user.
- Frontend is built using Vanilla Javascript, CSS and Bootstrap to make a responsive and dynamic app.
- For the server Gunicorn is used to handle all http request while Daphne is used to handle all websocket connections. Nginx sits in front of these two servers as a reverse proxy to route requests correctly.
- The app is containerized and deployed using Docker.

Mealz-Planner - [Github](#) | [Demo](#)
Skills – Python - Flask, Bootstrap, PostgreSQL, Heroku
- A meal planner where you can look up different types of cuisines and their recipes. Then add the meal to your personal schedule for the week.
- Built using Python's Flask framework (MVC pattern) for the back end to handle all logic and serve the templates.

E-Commerce - [Github](#) | [Demo](#)
Skills – Python - Django, SQL, Bootstrap, Cloudinary, Heroku
- An e-commerce website where you can buy and sell items through a bidding system and gives the user full control of the bidding process on their item.
- Full stack Django application, using Bootstrap and CSS on the front end to ensure a smooth user experience.

SKILLS

Python | HTML5/CSS3 | JavaScript | SQL | Django | Flask | C | S3 | Bootstrap | Agile Methodology

EDUCATION AND CERTIFICATIONS

CompTIA Certification: [CompTIA A+](#)

Harvard University: [Professional Certificate](#): Computer Science for Web Programming

Belhaven University: (Jackson, MS): Bachelor's of Science: Sports Administration