AUSTINE JACK WERE

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GitHub||**Portfolio**||**LinkedIn** ||**Blog**

PROFESSIONAL SUMMARY

I am a skilled full-stack software developer, technical support personnel, and software quality assurance engineer with over 2 years' experience. I am proficient in Python, JavaScript, SQL, CSS, HTML, and C. I also have a strong knowledge and understanding of libraries and frameworks including Flask, ReactJS, NodeJS, Angular, Django, PostgreSQL, Bootstrap CSS, TailwindCSS, and Python Click. I can work with relational databases using SQLAlchemy and incorporate either SQLite3 or PostgreSQL to read, store, and update my databases. I also have a good understanding of NoSQL databases including firebase. As a QA engineer, I am also proficient with software testing tools and processes and can identify, record, and provide thorough documentation of software bugs. I have advanced my skills through freelancing gigs, bootcamp experience at Moringa School, and open-source projects. I am currently seeking a junior role as a backend/frontend software engineer, Software quality assurance, or technical support to utilize my knowledge and learn more. Besides, I have great listening, communication, and writing skills.

SKILLS

Soft Skills
- Time management skills

- Organizational skills

- Communication skills

- Teamwork skills

- Conceptual skills

- Creative thinking skills

- Decision-making skills

- Problem-solving skills

- Leadership skills

Hard Skills
- Computer skills
- Software development
- App development
- Cybersecurity
- AI
- Coding
- IoT
- Machine learning
- Debugging
- Agile development methodologies
- Object-oriented programming
- Project management skills
- Technical skills
- Bash and Ubuntu Linux OS
- Git and Github

Programming Languages
- JavaScript (Reactjs and Nodejs)

- Python (including Django, Flask, and Click)
- C
- SQL (PostgreSQL, sqlite3)
- Firebase
- CSS
- Bootstrap
- Tailwind CSS
- Material UI

CERTIFICATIONS

1. Moringa School: Software Engineering Course.
2. IST: Introduction to Programming with Python
3. Sololearn – Python Dec, 2022
4. SoloLearn – JavaScript Feb, 2022
5. HackerRank: JavaScript 2022
6. Udemy - ReactJs July, 2023

EXPERIENCE/PROJECTS

Software Engineer/Developer, Freelance Remote, April 2022 – Present

- Engineered modern applications using Python, JavaScript, SQL and No SQL databases.

- Built innovative microservices and web services using flask.

- Efficiently deployed and integrated software I engineered and updated the deployment scripts to facilitate continuous integration practices.

- Consistently updated clients during app development process and performed continuous identification, measurement, and improvement of processes.

- Confirmed that the final software met the client's MVPs.

- Provided support for apps and systems after development.

- Performed API development using Django or Flask (as specified by the client)

- Contributed in UI/UX Design of frontend apps.

Quality Assurance Engineer, Remote, May 2022 – Present

- Created detailed and comprehensive test cases and plans both for my clients and my individual projects.

- Conducted quality app testing and provided thorough documentation for bugs.

- Educated the clients on how to use the developed software and customized system features.

- Met with clients to discuss ways of customizing their systems and make them more user friendly.

- Conduct thorough regression testing when bugs are resolved.

PERSONAL PROJECTS

Frontend Tasks

TravelGuide WebApp

I built this web app to help travelers find hidden gems in Kenyan cities. The users can also like the place and add comments about hidden gems they found interesting or otherwise. Built using JavaScript, HTML, & CSS.

Personal Portfolio Website

This website highlights my web development skills. Built using JavaScript, HTML, and CSS.

ClassScheduleApp

This app is an automated system that can centralize the information entered into it so that a student can browse through the respective module in the course catalog of the App and find the sessions. A mentor can also create an account and add students to different sessions and modules. As a user, you can choose to register as a student or mentor.

Realtor Kenyan Version

I built this Realtor clone web application using React, firebase 9, and TailwindCSS. The application allows tenants to look for places to rent and buy houses in Kenya. A user can also register and create a listing.

Greenspace: E-Commerce Site

With a group of other four software engineers from Moringa, we built this ecommerce site using Reactjs, bootstrap, and NodeJs. The mapped data was pulled from an API backend. I was particularly tasked with developing the landingPage and addToCart components and adding styling to make it appealing to the user.

To-Do List Application

This to-do lister allows users to add tasks they plan to do, their deadline, and priority. The users can also delete or edit the added tasks that are arranged based on their priority list.

Backend Tasks

JobSeeker Restful API

This is a job seeking app that will connect tech job seekers from Africa and potential employers. A user can register either as an employer or a job seeker. Check the documentation of the endpoints by navigating to swagger/ or redoc/ routes.

MessagingWeb API

A simple messaging web application built with Flask for handling customer inquiries and allowing agents to respond to customer messages.

Paws and Places (you can navigate to /server, /doghouses, /reviews).

I built this RESTful API using flask in collaboration with 1 other backend software engineer. I particularly worked on the Models and relationships for the users, doghouses, and reviews. In this project, the user and doghouses highlight one to many relationships. The migrations were carried out using alembic. A user can create several doghouses accounts and a review can belong to a user and a doghouse. the form validations were done using FLASK-WTF on all input. The patch, delete, and put functionalities were all created for the routes.

You can also go through the frontend here where I contributed in styling the fetched data.

Birds Restful API

I created this birds api using flask, sqlalchemy, and postgresql. Users can fetch the species and names of the birds using their ids

Pizza App

I made this fullstack app using PostgreSQL and flask backend, and react, tailwindCSS front end. It is a restaurant app where users can add new pizza or delete the pizzas. The pizzas can also be compared using their prices. Use the API endpoints to navigate through reviews, restaurants, and pizzas.

ClassScheduleApp

Built this classSchedule restful api where users can sign up as students or mentors. You can navigate to the various routes including /students, /mentors, /login, /signup, /comments, /modules, /sessions.

EDUCATION

Moringa School – 2023

Sololearn and Freecodecamp 2022

Bachelor of Science, Analytical Chemistry. Nov, 2018
Jomo Kenyatta University of Agriculture and Technology- Nairobi, Kenya.

REFEREES

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