

Faluyi Isaiah A.

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PROFESSIONAL SUMMARY

Reliable and skilled Full Stack Website Developer with over 3 years of experience in creating dynamic and responsive websites. Proficient in HTML, CSS, Bootstrap 5, JavaScript, Flask, and Python. Demonstrated expertise in building RESTful APIs and web applications using Flask, and effectively communicating with databases such as MySQL, PostgreSQL, and MongoDB. Maintained a stellar five-star reputation over the years on Fiverr, consistently delivering high-quality websites using CMS platforms like WordPress and Wix to ensure client satisfaction. Currently serving as a Full Stack Web Developer Intern at the Smart Systems Research Laboratory, applying system analysis and design principles to develop fully functional and custom web applications with a focus on lightweight, responsive design, and optimal user experience.

EDUCATION

Federal University of Technology, Akure

Akure, Nigeria

Bachelor of Engineering, Electrical and Electronics Engineering

Nov 2018 – Present

- Relevant Coursework: OOP In Python, OOP in C#, Data Structures and Algorithms

SKILLS

- Backend Technologies: Python3, Flask, Flask-Migrate, Virtualenv, SQLAlchemy ORM, PostgreSQL, cloudinary
- Frontend Technologies: HTML, CSS, JavaScript (ES6+), Bootstrap 5, Ajax
- Database: MySQL, PostgreSQL, MongoDB
- Others: WordPress, Wix, CMS, Git, RESTful API Development, CI/CD, Cloud storage, Redis, Curl, Postman

EXPERIENCE

Smart System Research Laboratory

Akure, Nigeria

Full Stack Web Developer Intern

Jan 2023 – July 2023

- Assumed the role of Assistant Innovation Officer, actively contributing to the ideation and implementation of innovative projects.
- Designed and developed an encompassing data/task management web app, streamlining operations within the lab and enhancing task tracking efficiency.
- Collaborated with cross-functional teams to identify and prioritize opportunities for technological innovation. Initiated and organized a series of workshops and seminars aimed at upskilling all laboratory interns.
- Demonstrated strong organizational and communication skills in coordinating event logistics and schedules.
- Led the organization of innovation-focused workshops, fostering a culture of creativity and idea-sharing among team members

Fiverr

Web

Freelance Web Developer

Nov 2021 – Present

- Successfully executed website development projects for various clients using CMS platforms like WordPress and Wix.
- Transformed design concepts into neat and responsive websites.
- Collaborated with clients to incorporate custom features and functionalities as per their requirements.
- Implemented SEO best practices to optimize website performance and visibility.
- Earned and maintained a five-star rating from satisfied clients over the years for exceptional website creation.

PROJECTS

Data/Task Management Web Application ([link](#))

2023

- Developed a comprehensive data/task management web app with a focus on both front-end and back-end development as well as git for version control.
- Utilized advanced technologies such as Flask mail, Cloudinary, Redis, Mongodb and HTML geolocation API for enhanced functionality.
- Implemented user authentication and security measures using Flask sessions and Flask-Bcrypt.
- Enhanced the admin system for efficient intern registration, role assignment, and stack classification.
- Collaborated with designers to create user-friendly interfaces, incorporating Figma designs, and optimized task management with Ajax Fetch responses for a seamless user experience.

Trivia API ([link](#))

2023

- Designed and developed a trivia API using Flask and Python, enabling seamless communication with a React app.
- Implemented Flask CORS for cross-origin resource sharing, ensuring secure and efficient data transfer.
- Managed the setup of an existing Postgres database using psycopg2, ensuring data integrity and accessibility.
- Created error handlers to ensure proper error handling and formatting for different error status codes, enhancing user experience.
- Leveraged SQLAlchemy for database operations and conducted comprehensive endpoint testing using both curl and Postman for robust functionality testing.

Fyyur – Musical Venue and Artist Booking Site ([link](#))

2023

- Developed Fyyur, a web platform enabling local performing artists and venues to discover and book shows.
- Implemented artist and venue listing, show creation, and discovery features single-handedly using HTML, CSS, JavaScript (ES6+), Flask, SQLAlchemy, Postgresql and Python.
- Achieved a modern and responsive design by integrating the Bootstrap 5 framework.
- Successfully managed the project lifecycle from concept to deployment, consistently meeting milestones and deadlines.
- Ensured site stability and user-friendliness through comprehensive testing and proactive maintenance.

Interactive Voice Response (IVR) System with Twilio API ([link](#))

2023

- Designed and implemented an Interactive Voice Response (IVR) system with Twilio API, automating voice communication processes.
- Orchestrated call initiation, recording, transcription, and digit extraction, enhancing data extraction and analysis.
- Utilized Flask endpoints for handling call recording and transcription, ensuring seamless communication.
- Employed ngrok for local testing, enabling the exposure of the local server to the public internet during development and testing phases.
- Demonstrated proficiency in Python scripting and integration of third-party tools to achieve versatile IVR functionality.

AWARDS

- Goldman Sachs's Virtual Engineering Program Certification -
- Jobberman Soft Skills Training Certification -

2021

2021