Aamilah Dawood

WEB DEVELOPMENT

SUMMARY

A Computer Science student with a strong foundation in web development, specializing in both frontend and backend technologies. Has experience in project management and system design analysis, demonstrating effective leadership and teamwork abilities. Possesses a keen interest in artificial intelligence and machine learning, continuously seeking opportunities to integrate AI/ML advancements into web solutions. Highly motivated and detail-oriented, committed to delivering high-quality, innovative projects that drive user engagement and satisfaction.

EDUCATION

BACHELOR OF TECHNOLOGY HONOURS DEGREE IN COMPUTER SCIENCE
Harare Institute of Technology
August 2020 – August 2024
GPA: 3.7

EXPERIENCE

COMPUTER SCIENCE INTERN / Technology Transfer, Licensing and Communication Center (TTLCC)

August 2022 – October 2023

- Developed and maintained 5 web applications utilizing PHP, MySQL, HTML, and CSS to create dynamic and responsive websites, and closed off with in the expected deadlines
- Created and maintained comprehensive project documentation, including requirements, design specifications, and user manuals for all projects. Authored detailed monthly and quarterly reports to track project progress
- Acted as a system and design analyst during development of 1 project, ensuring efficient and scalable system architecture.
- Worked in a team of 6 people fostering a collaborative work environment and later was in charge of a team of 2 Demonstrating strong leadership by managing team dynamics.
- Delivered presentations at conferences, effectively communicating technical concepts and project outcomes to diverse audiences.
- Provided IT support and maintenance, troubleshooting technical issues and ensuring system reliability.

CONTACT

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SKILLS

Frontend development
Backend developemnt
Project management
System Desgin Analyst
User research
Communication
Leadership
Teamwork

PROJECTS

- **TouriZim**: Developed and led TouriZIM, a PHP, HTML, CSS, and MySQL-based web application connecting tourists with destinations and hotels in Zimbabwe, enhancing local tourism visibility and accessibility through a user-friendly interface and robust backend, overcoming challenges in scalability and performance.
- **Journal of Innovation and Technology**: Spearheaded the development of the "Journal of Innovation and Technology," a PHP, HTML, CSS, and MySQL-based web platform facilitating the storage, review, and publication of engineering journals, ensuring accessibility to authorized personnel while implementing robust database security measures.
- **St Giles Website:** Developed the St Giles Website, a dynamic platform showcasing the medical and rehabilitation services offered by St Giles Medical and Rehabilitation Center, effectively promoting the company's products and services to a wider audience.
- **BrainBoost**: is a course recommendation system that utilizes collaborative filtering to provide personalized recommendations to users, and makes use of sentiment analysis to provide feedback analysis on user reviews. Built using Python and the Flask Framework

AWARDS

UNESCO India Africa Hackathon 2022 (22nd – 25th November 2022)
Participated in the 36 hour UNESCO India Africa Hackathon, a prestigious event bringing together innovators from India and Africa to collaborate on technological solutions addressing shared challenges. Demonstrated proficiency in problem-solving, teamwork, and innovation while contributing to impactful projects recognized for their potential to drive positive change.

Presidential Students Award Ceremony 2023
Honored at the Presidential Students Award Ceremony 2023 for outstanding achievement in global competitions during 2022. Recognized among students from higher and tertiary education institutions for exemplary performance, innovation, and leadership demonstrated on the international stage.

VOULNTEER/LEADERSHIP

Microsoft Learn Student Ambassadors – Global
August 2023 – Present

GitHub Campus
August 2023 - Present