Software Developer

Patience Patricia Burani

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Professional Summary

As a skilled Software Developer, I specialize in designing, developing, and maintaining software applications. With a strong foundation in programming languages and extensive experience in building both front-end and back-end systems, I excel in addressing complex issues with efficient solutions. My attention to detail and robust problem-solving abilities ensure high-quality results. I am passionate about learning new technologies and staying current with industry trends. My collaborative approach and effective communication skills make me a valuable asset to any development team.

Technical Skills

- Programming Language(Python , Javascript)
- Frameworks and Technologies(Django, Flask, React.js)
- Databases(PostgreSQL, MySQL, MongoDB, db.sqlite3)
- UI/UX Design
- Version control(git)
- Problem-Solving
- Lean and Agile methodologies

Soft Skills:

- Effective Communication
- Attention to detail
- Project Management
- Problem-solving
- Leadership
- Collaboration
- Adaptability
- Quick learner
- Critical thinking

Experience

Project 1

DayStar Daycare Data Management System

Description: It is a comprehensive software solution designed to streamline the administrative tasks of Daystar daycare center.

Technologies: Python , Html, Django Css, Bootstrap, Javascript, DBsqlite

Key Contributions: Developed and managed the database, designed and implemented the front-end, and built the back-end logic, ensuring a seamless integration between the user interface and the underlying data systems.

Project 2

InkBlink Company Website

Description: It is a comprehensive software solution designed to streamline the administrative tasks of Daystar daycare center.

Technologies: HTML, CSS, Bootstrap, JavaScript

Key Contributions: Spearheaded the front-end design and development, creating a visually appealing and user-friendly interface. Leveraged Bootstrap to ensure responsive design across devices, utilized JavaScript for interactive features, and applied CSS for custom styling to enhance usability and user engagement.

Project 3

CIU Exam Monitoring System:

Description: With the growing shift towards online education and remote learning, the proposed system offers secure online monitoring with random image/voice capture and a safe browser to prevent cheating. It is optimized for low bandwidth, handles disruptions, and includes features like auto-submission and exam timing management.

Technologies: React, Javascript, Nodejs, MongoDB

Key Contributions: Spearheaded the development of the backend architecture, ensuring robust functionality and security. Designed and implemented server-side logic, managed database interactions with MongoDB, and optimized performance to support secure and efficient exam monitoring.

Education

- Certificate of Software Engineering in Python, Refactory Academy February 2024 - May 2024
- Uganda Advanced Certificate of Education, Kisozi Secondary School 2021 - 2022
- Uganda Certificate of Education, Seeta Secondary School 2016 - 2019

Languages

- English
- Luganda

References

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