Software Developer

Vanessa Nassanga

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Professional Summary

As a dedicated Software Developer, I focus on creating, developing, and managing software applications. With a strong grasp of programming languages and hands-on experience in both front-end and back-end development, I am skilled at solving complex problems with practical solutions. I pay great attention to detail and am committed to producing high-quality work. I am enthusiastic about exploring new technologies and staying updated with the latest trends in the industry. My ability to work well with others and communicate effectively makes me a valuable member of any development team.

Technical Skills

- Programming Languages(Python)
- Frameworks and technologies(Django and React)
- Database Management
- UI/UX Design
- Version Control
- Problem-Solving
- Lean and Agile Methodologies

Soft Skills

- Effective Communication
- Attention to Detail
- Project Management

- Problem-solving
- Collaboration
- Adaptability
- Quick Learner
- Critical Thinking

Experience

UMCAT School of Journalism and Mass Communication (Internship), 2023

Systems Administrator

- **Maintaining Computers:** Ensured all computer systems were properly maintained and operational, focusing on both hardware and software troubleshooting.
- **Software Installation:** Installed and updated necessary software, ensuring all systems were up-to-date and secure.
- **Network Administration:** Managed the institution's network, ensuring stable and secure connectivity for all users.
- **Assisting Journalism Interns:** Helped students interning in journalism with Adobe Illustrator, guiding them in designing cards, magazines, and flyers, thereby enhancing their design skills and project outcomes.

Project 1

DayStar Daycare Management System

Description: Developed a comprehensive software system for DayStar Daycare to manage stock, data and overall operations, transitioning them from a paper-based system to a digital solution.

Technologies Used: Python, Django, HTML, CSS, JavaScript, SQL Server.

Key Achievements: Improved operational efficiency and accuracy in data management, leading to better service delivery.

Github link: https://github.com/Vanessa-79/daystar_management_system.git

Project 2

Uplift for Donations

    Description: Developed a collaborative platform to facilitate donations, enabling users to contribute to various causes with ease and security.

    Technologies Used: Python, Django, JavaScript.

    Key Achievements:

- **Created Contributors and Donors Forms:** Designed and implemented forms to manage and collect donor and contributor information, ensuring a smooth and user-friendly donation process.
- **Developed 'About Us' page with success Stories:** Crafted the 'About Us' section, highlighting the organization's mission and featuring success stories to inspire and engage potential donors.
- **Streamlined Donation Process:** Enhanced user engagement and contribution rates by optimizing the donation workflow, resulting in a more efficient and accessible platform.

    Github link: https://github.com/Vanessa-79/life-changingNew.git

Project 3

Personal Website Portfolio

    Description: Designed and developed a personal portfolio website to showcase projects, skills, and professional background.

    Technologies Used: React, JavaScript.

    Key Achievements:

- **Responsive Design:** Created a fully responsive and visually appealing portfolio website, ensuring optimal user experience across various devices.

- **Interactive UI:** Implemented smooth transitions and interactive elements to enhance user engagement and demonstrate proficiency in modern web technologies.

Link: https://vanessa-myportfolio.vercel.app/

Education

- Certificate in Software Engineering, Python Development, Refactory Academy
  February 2024 - May 2024
- Bachelor of Science in Information Technology
  2020 - 2023
- Uganda Advanced Certificate of Education, K.Garden Groove College
  2018 - 2019
- Uganda Certificate of Education, Blessed High School
  2014 - 2017

Languages

- English
- Luganda

References

- **Ms. Dorothy Oyella**
  Placements Lead, Refactory Academy Uganda
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- **Ms. Esther Nansubuga**
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