

MORRIS GITONGA

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PROFILE

Versatile Fullstack Developer with over four years of professional experience in designing, developing, and deploying scalable web applications. Proficient in PHP, Laravel, and related technologies, with demonstrated expertise in system analysis, RESTful API development, and technical documentation. A team player with strong troubleshooting skills, a problem-solving attitude, and a passion for creating user-focused solutions.

Eager to bring my expertise to an international and dynamic organization.

CORE COMPETENCIES

- **Programming Languages:** PHP, JavaScript, Python
 - **Frameworks:** Laravel, Angular, React
 - **Tools & Technologies:** Docker, Git, Redis, Bash, Linux, SSH
 - **Web Services:** RESTful APIs, HTTP, MySQL
 - **Monitoring & CI/CD:** Kibana, Grafana, GitLab CI/CD
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PROFESSIONAL EXPERIENCE

Nextrans Solutions

November 2023 - Present

LTD

Software Developer

Led the successful development of the EAC Pooled Procurement Portal, a key platform for information sharing among East African Community (EAC) countries on pharmaceutical products. The portal enables real-time tracking of inventory levels across member states, streamlining product distribution and mitigating shortages and surpluses. By improving

collaboration and transparency, the system will significantly enhance regional efforts to manage pharmaceutical resources more efficiently.

Accomplishments:

- Developed the EAC Pooled Procurement Portal for real-time pharmaceutical inventory tracking across East African Community (EAC) countries, enhancing collaboration and transparency.
- Built front-end components using Angular and integrated RESTful APIs for dynamic data interactions.
- Optimized front-end performance using lazy loading, code splitting, and caching techniques.
- Implemented dynamic, responsive UI designs for seamless functionality across devices.
- Collaborated with UI/UX designers to streamline user workflows and ensure high user satisfaction.
- Utilized PHP (Laravel) to build the backend, ensuring robust and secure data management.

Software Developer

Developed the CONTINENTAL REGULATORY EXPERTS SOLUTION (E-CRES), a comprehensive platform that facilitates the submission and evaluation of expert qualifications in the pharmaceutical field. The platform allows professionals to express interest in various posted opportunities requiring specialized knowledge. Experts submit their qualifications for review and undergo multiple evaluation stages to ensure they meet the necessary criteria for each opportunity. The system ensures a thorough screening process, verifying qualifications at every stage to guarantee the selection of the most qualified individuals.

Accomplishments:

- Designed and implemented an intuitive user interface using Angular, ensuring a seamless user experience for experts to submit and track their expressions of interest.
- Developed dynamic, responsive UI components that adapt across multiple devices, enhancing accessibility for users on desktop and mobile platforms.
- Optimized front-end performance, reducing page load times through lazy loading, efficient data handling, and performance tuning.
- Incorporated advanced validation techniques to ensure the accuracy and completeness of expert submissions, significantly reducing submission errors.
- Integrated real-time notifications, providing users with instant updates on their evaluation status.
- Collaborated with UI/UX designers to streamline the evaluation process, improving usability and reducing user drop-off rates during complex multi-stage application procedures.
- Leveraged RESTful APIs to enable seamless interaction between the front-end and back-end systems, ensuring smooth data flow during submission and evaluation phases.

iTalanta

September 2023 - Oct
2023

Accomplishment

s:

- Integrate Firebase into their web applications to store data in real-time, handle user authentication, and provide hosting services.
- Build web applications that are scalable and easy to maintain.
- Create dynamic web applications that are responsive and efficient.
- Writing and maintaining documentation to help other developers understand how to use and contribute to open source software projects.
- Participating in code reviews and providing constructive feedback to other developers.
- Staying up to date with the latest trends and best practices in open source software development.
- Communicating effectively with other developers and community members via online forums, chat channels, and other communication platforms.
- Demonstrating a commitment to open source principles such as transparency, inclusivity, and collaboration.
- Attending conferences and other events related to open source software development to network with other developers and learn about new developments in the field.

Accomplishments:

May 2023- Aug 2023

Develop scalable, maintainable web applications with a focus on performance and efficiency.

- Developed an alumni application that allows users to share their post-graduation experiences, fostering community engagement.
- Utilized ReactJS and PrimeJS to design user-friendly and visually appealing interfaces that enhance user experience.
- Created dynamic, responsive web applications that deliver efficient performance across devices.
- Authored and maintained comprehensive documentation to support fellow developers in using and contributing to open-source software projects.
- Actively participated in code reviews, offering constructive feedback to improve code quality and maintain best practices.
- Stayed up to date with the latest trends in open-source software development, continuously applying new knowledge to projects.

Accomplishments:

- Designed and developed a user-friendly self-service portal that empowers members to access and manage their accounts independently, enhancing member engagement and satisfaction.
- Utilized React to create a dynamic front-end interface, ensuring a responsive and intuitive user experience across various devices.
- Integrated secure authentication and authorization features, safeguarding member data and ensuring privacy while allowing easy access to services.
- Developed and deployed RESTful APIs to facilitate seamless communication between the front-end and back-end, enabling real-time data retrieval and updates.
- Implemented advanced data validation and error handling, ensuring high data integrity and minimizing user input errors.
- Collaborated with cooperative society stakeholders to gather requirements and incorporate feedback, resulting in a tailored solution that meets members' needs.
- Conducted user training sessions and created comprehensive documentation to assist members in navigating the portal, ensuring a smooth transition to the new system.
- Achieved a significant reduction in administrative workload by automating processes such as account management, payment tracking, and service requests, allowing staff to focus on higher-priority tasks.
- Monitored user engagement and feedback post-launch, utilizing analytics tools to identify areas for further improvement and implementing updates based on user suggestions.

EDUCATION

KCA UNIVERSITY

Bachelor of Science(Applied Computing , Information Security & Forensics) (May 2019 - Dec 2022)

MORINGA SCHOOL

Software Development Certification (Feb 2023 - Aug 2023)

PM CERTIFICATION

Project Management Certification PMP (Ongoing)

REFERENCES

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