

Byishimo Shema Serge

Software Engineer

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My expertise lies in system architecture and design as well as developing software utilizing service-oriented, event-driven design, micro-services, containerization platforms, cloud services and vast expertise in complex web solutions and IT infrastructure in general.

WORK EXPERIENCE

Software Engineer.

YAHLife Nation, 05/2021 - Present

- Install and maintain Cloudstack for cloud-based infrastructure management.
- Develop custom Liferay portlets for creating custom web applications and modules on the Liferay portal platform.
- Customize OFBiz Operations for enhancing the functionalities of the Apache OFBiz framework.
- Integrate Stripe subscription with OFBiz subscription to handle payment processing and subscription management.
- Integrate Liferay portlet with OFBiz for seamless data flow and communication between the two platforms.
- Integrate Stripe with Cyclos to create issuing cards and manage payment processing and transaction management.
- Integrate Liferay with Cyclos for a unified user experience across platforms.
- Customize Matrix Element android app for adding new functionalities.
- Customize Jitsi Meet Android React Native SDK for adding new functionalities.
- Integrate Jitsi Meet live stream with Kaltura for live streaming video content on the Kaltura platform.
- Set up Keycloak with an LDAP Server for secure user authentication and authorization.

Embedded Systems Engineer.

Invictus Security Interests, 05/2022 - Present

- Collaborate with team to understand business requirements and design technical solutions for integrating different software systems.
- Conduct testing and analysis of facial recognition technology, providing insights into performance and potential issues, and developing a deployment strategy that meets business needs and regulatory requirements.
- Set up and configure Orangescrum for project and task management, including customization for additional functionality.
- Automate product management and purchase order generation using OFBiz, ensuring accuracy and efficiency in the process.
- Implement Exo Platform for internal collaboration and communication, including customization and integration with other tools.
- Collaborate with network and infrastructure team to ensure seamless integration and compatibility of different software systems.

Software Integration Engineer.

Mopay Ltd, 03/2020 - 03/2021

- Developed and Implemented integration solution between MTN Mobile Money API and the company's software systems
- Developed and implemented integration solution between BPR Bank T24 core banking system and the company's software systems
- Worked closely with the BPR Bank T24 team to understand the API capabilities, limitations, and updates
- Ensure all integration solutions are scalable, reliable, and secure

Software Developer.

BeSoft Ltd, 06/2019 - 09/2019

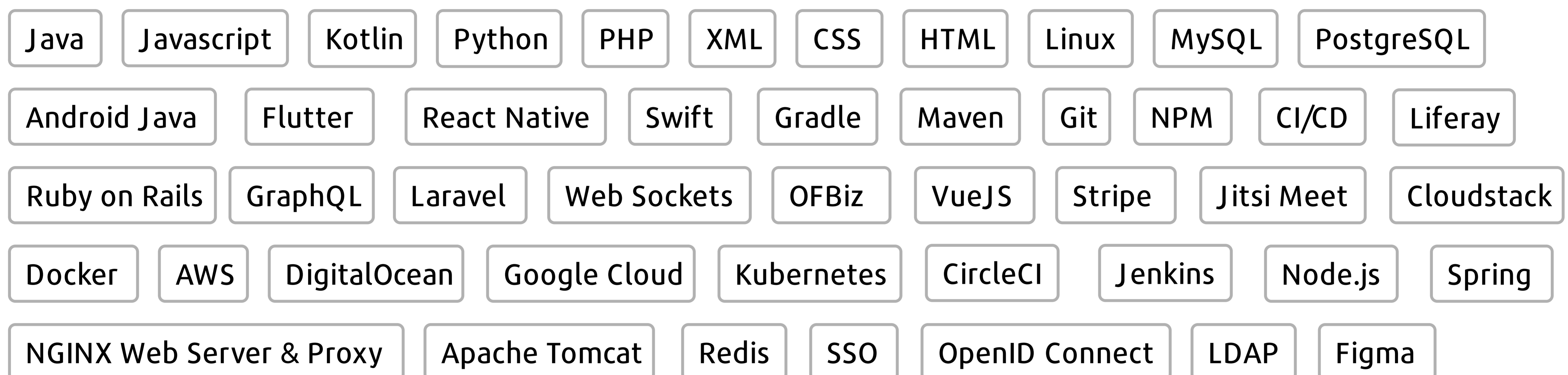
- Developed client's softwares using different technologies

Software Developer.

Thousand Hills, 06/2018 - 01/2019

- Developed client's softwares using different technologies

TECHNICAL SKILLS



EDUCATION

Bachelor of Science in Information Technology

Mount Kenya University

01/2020 - 02/2023

Computer Science Diploma

SOS Technical High School

01/2015 - 11/2017