

MATOVU MIKE

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[LinkedIn](#)

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[Portfolio](#)

PROFESSIONAL SUMMARY

Computer Scientist with expertise in mobile and web application development. Passionate about leveraging emerging technologies to create impactful solutions in the community. Skilled in multiple programming languages, cloud technologies, and scalable system architectures, with a focus on driving innovation through advanced technology integration. Committed to solving complex challenges and shaping the future of technology.

EDUCATION

MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

Mbarara, UG

Bachelor of Science in Computer Science

June, 2024

- CGPA: 4.66 / 5.0
- Relevant courses: Artificial Intelligence, Data structures and Algorithms, Parallel Processing, Distributed and Cloud Computing, Mobile Application development
- Honors: Graduated top of the class

ST HENRY'S COLLEGE KITOVU

Masaka, UG

Uganda Advanced Certificate of Education

April, 2021

- Vice president - ICT Club

ST MARY'S COLLEGE KISUBI

Wakiso, UG

Uganda Certificate of Education

Dec, 2018

CERTIFICATES

- **Introduction to cloud 101** : AWS Educate
- **Introduction to cyber security**: Cisco
- **Introduction to python**: Kaggle

PROFESSIONAL EXPERIENCE

JUBILEE LIFE INSURANCE

Kampala, UG

Insurance Company

Jan 2025 - Present

Graduate Trainee

- Maintaining and enhancing in-house software products designed for management of insurance processes
- Documenting and analysing existing software systems and identifying areas of improvement

RELWORX LIMITED

Kampala, UG

Software Development Company

Jan 2025 - Present

Junior Software Engineer

- Maintaining and enhancing in-house software products designed for seamless payment solutions, ensuring optimal performance and reliability
- Collaborating with team members to design and develop new features.

THINKX SOFTWARE

Software development company

Kampala, UG

Oct 2024 - Jan 2025

Software Engineer

- Driving the development of innovative features for a comprehensive web-based financial management platform, designed to empower small and medium-sized enterprises (SMEs) in streamlining their financial operations.
- Refactoring and optimizing existing codebase to enhance performance, scalability, and maintainability, ensuring a more extensible architecture for long-term sustainability.
- Collaborating with team members to translate business requirements into actionable solutions, delivering measurable improvements in user experience and system functionality.

MUST COMPUTING SERVICES UNIT

A unit responsible of computing services at Mbarara University

Mbarara, UG

Sept 2023 - Oct 2023

Software Engineering intern

- Contributed to the development of a web-based asset management system, streamlining inventory tracking and boosting operational efficiency
- Collaborated with a team of five to maintain and enhance the university's IT infrastructure, reducing system downtime and improving overall network reliability.
- Assisted in network administration tasks, implementing security protocols that enhanced data protection for over 2,000 users
- Conducted weekly computer maintenance sessions, resolving an average of 20 technical issues per week

PROJECTS

SICKLER AID APP (UNDERGRADUATE RESEARCH PROJECT)

- Designed and developed a mobile application to support sickle cell disease patients in managing and mitigating vaso-occlusive crises effectively.
- Implemented machine learning algorithms to achieve 90% accuracy in predicting pain episodes, providing timely alerts and insights for better crisis management.
- Integrated key features such as medication reminders and health tracking, significantly improving user adherence to treatment plans and overall quality of care.

TECHNICAL SKILLS

- **Programming Languages:** Javascript, Typescript, Kotlin, Python, Go, PHP, Java, Ruby
- **Web technologies:** React, NodeJS, NextJS, Laravel, Tailwind, ExpressJS, Ruby On Rails
- **Mobile Technologies:** React native, Kotlin +XML, Jetpack compose, Kotlin multiplatform
- **Databases:** MYSQL, Postgres, MongoDB, Firebase, Supabase
- **Cloud Platforms:** Azure, AWS, Google cloud platform
- **Tools & Other:** Git, Docker, Agile Methodologies,