

Samuel Yona Killagane

Software Development

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🌐 www.killagane.software

I am a passionate Software Developer with a solid educational background in computer science. I bring hands on experience in Design Thinking, UI & UX, Project management and Software development to the table and my commitment to innovation drives me to contribute.

Experience

● Solution Developer & Project Consultant - OpenLab Stockholm

August 2023 - January 2024

- Applied Design Thinking methodologies to address real-world challenges posed by Södermalm Stadsdelsförvaltning in Stockholm, Sweden.
- Received mentorship in Design thinking and project management, focusing on effective problem-solving for social issues.
- Collaborated with multidisciplinary teams to develop innovative and sustainable solutions.

● Facilitator - SmartGirlz in ICT CoICT UDSM

February 2023 - April 2023

- Facilitated workshops in human-centered design, enhancing problem-solving and innovation skills.
- Provided mentorship and instruction in ICT, focusing on communication and interpersonal abilities. Contributed to empowering the next generation of tech leaders.

● Hub Manager - FINHUB (UDSM & CRDB Bank Plc)

October 2022 - October 2023

- Facilitated workshops in human-centered design, to enhance problem-solving and innovation skills for solving both financial and societal challenges in the local community.
- Provided mentorship in ICT, focusing on communication and interpersonal abilities.
- Contributed to empowering the next generation of tech leaders.

● Software Developer - FINHUB (UDSM & CRDB Bank Plc)

July 2022 - August 2023

- Spearheaded the development of the "Personalized Simbanking" mobile app to create a user-centric mobile banking experience.
- Played a key role in designing, prototyping, and implementing innovative features.
- Developed and launched the organization's website using Next.js and Directus CMS, enhancing the online presence and user experience

● Information Technology Intern - Public Service Social Security Fund *July 2021 - November 2021*

- Responsible for installing and configuring software on computer systems.
- Handled the maintenance and troubleshooting of computers and related hardware.
- Involved in data management tasks and recording and entering data into databases or other systems, ensuring data accuracy and integrity.
- Working on the organization's network infrastructure.

Education

- **Independent Master's - KTH Royal Institute of Technology** *August 2023 – January 2024*
Focused on
 - Innovations for the Emerging City, Openlab Multidisciplinary Project.
 - Business Model Innovation - Graded "B".
 - Advanced Interaction Programming - Graded "A".
- **BSc in Computer Science - University of Dar es Salaam** *October 2020 – June 2023*
 - Upper-Second Class Graduate.
 - Focused on Design Thinking, Software Development, and UI/UX Design.
- **A-Level Education - Academic International Secondary School** *July 2018 – June 2020*
 - General certificate of education Advanced subsidiary level and advanced level (Cambridge).
 - Majored in Physics, Computer Science and Mathematics.

Project

- Developed a blockchain-based product verification system using Next.js (React), Supabase, and Blockchain. fypconsumer.vercel.app
- Worked with the Södermalm district in Stockholm, Sweden on solving a challenge with predicting future seniors' needs using AI. handinhandse.vercel.app
- Designed and built the FINHUB website using Next.js and Tailwind, contributing to the fintech innovation. finhub.udicti.udsm.ac.tz
- Designed and implemented the website for Sets Engineering Limited using Next.js (React) with Typescript, Tailwind CSS, Framer-motion, and Directus CMS. setsengineering.co.tz

Skills

- Web development with React, Next.js, Nest.js (Back-End), HTML, CSS, JavaScript, and Tailwind.
- Programming: PHP, Java, and Python.
- Experience in UI/UX design with Adobe Xd and Figma
- User research and empathy-building.
- Design thinking and problem-solving skills.
- Version Control with Git and GitHub.
- Human-centered design tools and frameworks.
- Agile Methodologies (Scrum and Extreme Programming) and Waterfall methodology.
- Project Management and project management tools with Jira and GitHub.
- Innovation, Capacity Building, and Facilitating in
 - Research and Innovation in social and economic solutions and systems
 - Digital Innovations for Business Resilience in the East African Community

Reference

Dr. Angelina Misso

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