

MISHECK KAMULONI

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IT Manager

Private Bag B444, Lilongwe



SUMMARY

Experienced ICT professional with 7 years of expertise in ICT systems and infrastructure security, design, and development, integration, and consultancy. Skilled in providing conceptual advice, technical support, and capacity building to enhance ICT systems' security and performance. Effective overseer and deliverer of complex ICT projects, aligning with organizational goals and deadlines by utilizing strategic approaches to leverage technology for process optimization, efficiency enhancement, and achievement of company objectives.

EDUCATION

MZUZU UNIVERSITY

Bachelor's Degree in Information and Communication Technology (ICT)
2013 – 2017

Mulunguzi Secondary School

Malawi School Certificate of Education
2008– 2011

SKILLS

- Project management
- Good communication and interpersonal skills
- Team player
- Proficient in Microsoft software installation, usage and administration i.e Microsoft 365 products
- Leadership
- Software/information and database systems design, development and implementation
- Proficient with Languages ASP.Net C#, NodeJs, PHP, React JS and Native, HTML, XML, JSON
- Proficient with MS SQL, Oracle, MySQL and PostgreSQL
- Proficient with Linux (debian 12 , ubuntu and Centos 7) , Microsoft Server 2016-19 configurations and administration and Security.
- Proficient with Virtualization like Hyper-V, VMware and other Linux virtualization technologies.
- Familiar with distributed version control and collaboration systems like Github.
- Good knowledge of usage of Network and data transmission protocols like HTTP, HTTPS ,FTP/FTPS and TCP/IP

PROFESSIONAL EXPERIENCE

Software Developer (National Specialist)

United Nations Development Program (UNDP) | 09/2024 - PRESENT

Key Duties & Responsibilities

- Assess existing platforms, recommend open-source solutions, and report industry trends to stakeholders.
- Collaborate with stakeholders to understand project requirements and align technical solutions with business goals.
- Gather and document comprehensive project requirements and develop detailed technical specifications.
- Implement version control, coding standards, and set up CI/CD pipelines for automated testing and deployment.
- Develop rapid prototypes and wireframes, conduct user testing, and iterate based on feedback.
- Evaluate open-source technologies for compatibility, performance, and sustainability; document technology choices.
- Guide development teams, implement scalable backend services, and ensure security best practices.
- Provide estimates, participate in sprint planning, and report project progress to stakeholders.
- Build cross-platform mobile apps using React Native and develop responsive web applications with React.js.
- Design databases, develop RESTful APIs, and ensure the integration of backend services.
- Manage cloud platforms, implement DevOps practices, and maintain security compliance.
- Lead teams, mentor junior developers, and maintain consistent architectural practices.

CERTIFICATIONS

- Google analytics certificate (google) - 2023
- Certificate in Introduction to Information and Management Systems (Alison) - 2024
- Prevention of Sexual Exploitation and Abuse (PSEA) Certificate
- Harassment_Prevention-Certificate
- BSAFE-Certificate

REFEREES

Mr. Mervin Kamchacha

Wealthnet Finance PLC -Operations Manager
Phone: +265 884 751 535
Email: mervin@wealthnetfinance-mw.com

Mr. Daniel Chawinga

CEO C-Tech Systems
Phone: +265 995 928 854
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Mr. Caleb Kalagho

Chief Software Engineer - Infocus Technologies Malawi
Phone: +265 997 173 376
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Information Technology Officer

Wealthnet Finance PLC (KAKUPAY SMART MONEY)| 5/2022 - 5/2024

- Developed & implemented ICT Strategic Plan and budgets aligned to Wealthnet Finance business goals.
- Organized and coordinated ICT related meetings, workshops and conferences with internal and external stakeholders, i.e ICT Skill development workshops, systems and Technology usage, and cyber security trainings.
- Managed MSSQL and mysql databases for Wealthnet Finance PLC systems, like data querying , backups and administration .
- Oversaw the management of Kakupay and Wealthnet Finance websites, handling tasks such as content creation, website development, updates, and company email management, including troubleshooting.
- Administered Windows Server 2019, Linux Debian 12, and CentOS 7 servers, handling configuration and day-to-day management.
- Provided technical support to ensure employees' computer systems, including antivirus software, were up to date. Resolved daily computer issues and performed installations of Microsoft 365 packages and many more IT related user support .
- Installed the LAN and WAN for all Wealthnet Finance Kakupay branches countrywide, ensuring systems and servers are accessible by all employees and customers across the country.
- Managed installation and connecting network related devices like printers , scanners , Kakupay KYC devices like cameras, fingerprint scanners and many more devices.
- Revised IT policies, processes, and procedures for Wealthnet Finance, covering data security, data backups, disaster recovery, and system maintenance protocols , ensuring they are operational.
- Led in development and commissioning of KAKUPAY Smart Money Core banking system (Locally and inhouse developed core banking system) which is now certified and regulated by Reserve Bank of Malawi
- Wrote a variety of ICT-related technical documents, such as bids, proposals, user manuals for company's ICT infrastructure and systems.
- Developed Bulks SMS system and its SMS (SMPP) gateway that other systems integrates to.

Software Systems Design & Development Specialist

Infocus Technologies Malawi | 2/ 2019 - 4/2022

- Designed and developed HR system for Habitat for Humanity Organization Lilongwe.
- Designed and developed Microfinance and Loan Management systems currently being used by 6 Microfinance Companies in Malawi such as Sycamore credit, Community Finance, ACADES, Opportunity Finance, Atlas Finance and Delight Finance.
- Led a consultancy of Designing Smile Life insurance Information system (SRS), a document highlighting system requirements that was used to source bidders.
- Led to the development of School Management system integrated with payment systems and SMS gateways.
- Worked with Government entity such as Road traffic through Office of The President department of Innovation in redesigning of MALTIS system, taking consideration of performance , security and risk assessment.
- Designed and developed accounting software, including its documentation and usage manual for Agritrust Limited Lilongwe.
- Assisted Enviro-Quali Consult Firm in training LUANAR staff on usage, handling, and disposal of IT equipment and services in line with environmental regulations and sustainability best practices.
- Implemented cyber threat detection tools like SolarWinds Service Desk and Axios Systems assyst to help troubleshoot many system issues and incidences.
- Conducted System trainings, cybersecurity trainings to organization like SULSDEC GREEN Villages and Habitat for humanity .

IT Officer

C-Tech Systems. | 8/2017 - 11/2019

- Conducted System requirement gathering development and implementations of Early warning systems in Africa for African Union.
- Developed a module for Water bill calculation inside Lilongwe water board billing system which was a self service feature on their website.
- Worked as Help desk in assisting technical issues from all deployed systems by company.
- Worked on Deployment of Mzuzu University School Management system and was part of IT technical support team.
- Worked as a trainer in Statistics and data analysis using SPSS software.
- Worked as a trainer for Microsoft Product usage to companies like TATA Malawi and Lilongwe Diary.
- Worked like IT helpdesk to help respond fix IT related issues faced by clients' software systems.