

IT MANAGER/SOFTWARE DEVELOPER

CAREER PROFILE

Detailed oriented and highly motivated **IT Manager/Software Developer** Have a good understanding of complete software development life cycle including Requirement Analysis, Design, Development, Testing, Integration, and Maintenance of various client/server and multi-tier web applications. Designed, coded, tested, and aggregated results from SQL queries to provide information to clients. Proficiencies in MS Office Suite, Libre Office Suite, Unity, VS , CSS, C#, HTML, JS, Node JS, Java, C++, Python, PIMS, GSX. Detail-oriented professional with highly professional attitude, problem solving, strong leadership, relationship building skills and ability to perform well in a team. Looking for an opportunity in a dynamic organization where my skills will be fully utilized.

AREAS OF EXPERTISE

- HTML, JavaScript, jQuery
 - Reporting Tools
 - Web Services
 - HTML, CSS, JavaScript
 - Excellent troubleshooter of systems
 - Language C, C++, C#, Java
- Desktop Support
 - Database Management
 - Data Analysis
 - Relationship Building
 - Organizational Skills
 - Business Intelligence
 - Customer service
- Critical Thinking
 - Management Skills
 - Communication Skills
 - Analytical Skills
 - Problem Resolution
 - Team Building &Leadership
 - Time Management

SUMMARY OF CORE QUALIFICATIONS

- Efficient in Computer Programming and Coding

→ Ability to perform Software Testing and Debugging

→ Proficient in Software Development and making Object-Oriented Design

→ Ability to respond, prioritize and implement under pressure, coordinating both internal and external resource to reach the most expedient solution.

→ Efficient in decision making and a sense of responsibility.

→ Capable in good organizational skills.

→ Highly skilled in interpersonal and communication skills.

PROFESSIONAL EXPERIENCE

Kuponi Ltd

Chief Technical Officer (CTO)

August 2022 to Present

- Key Responsibilities:
- Spearheading the technology strategy and vision for Kuponi Ltd, aligning IT infrastructure with business goals and growth plans.
 - Overseeing the development and deployment of cutting-edge software solutions, including **SimpoVend POS**, **SimpoBank CBS**, and custom web applications for microfinance institutions and retail businesses.
 - Leading the design and architecture of scalable and secure systems, leveraging cloud technologies, microservices, and modern web frameworks.
 - Managing a multidisciplinary team of developers, IT engineers, and project managers, ensuring efficient project execution and timely delivery.
 - Developing API integrations for seamless communication between **Core Banking Systems (CBS)** and third-party services, including CRB (Credit Reference Bureau) data reporting.
 - Implementing DevOps best practices, CI/CD pipelines, and automated testing to streamline development cycles and enhance software reliability.
 - Establishing IT policies, cybersecurity measures, and data protection protocols to safeguard company and client data.
 - Optimizing system performance and monitoring infrastructure health to prevent downtime and improve user experience.
 - Overseeing IT budgeting, vendor negotiations, and resource allocation to maximize technology investments.

- Key Achievements:
- Led the development of **SimpoBank CBS** , enabling seamless data reporting for microfinance institutions.
 - Achieved 99.9% system uptime across all deployed applications, contributing to uninterrupted client operations.
 - Developed and Deployed Automated CRB Reporting for Microfinance Institutions:** Architected and implemented a seamless integration with the **Credit Reference Bureau (CRB)**, automating monthly and daily loan data reporting for microfinance institutions. This solution improved compliance accuracy, reduced manual processing errors, and streamlined regulatory reporting.
 - Built Mobile Banking and Internet Banking Platforms for Microfinance Clients:** Successfully designed and deployed **Mobile Banking (Push/Pull) and Internet Banking applications** for microfinance institutions, enabling clients to perform real-time transactions, balance inquiries, bill payments, and fund transfers securely from their mobile devices and desktops.
 - Engineered Real-Time API Integrations with Core Banking Systems (CBS):** Integrated **SimpoBank CBS** with various third-party financial services, enhancing digital service offerings for microfinance clients and improving transaction processing speeds.
 - Successfully launched **SimpoVend POS** across multiple retail locations, enhancing transaction efficiency and real-time sales monitoring.
 - Drove the transition to **cloud-based infrastructure**, reducing costs by 20% while increasing system reliability and scalability.

Umwalimu Sacco

IT Operations Manager

November 2019 to July 2022

- Responsible for the development, operation, production and management of all information systems for the technology area including the Core Banking System (CBS), Mobile Banking, Internet Banking and Clearing System.
 - Participated in all the projects that involved Information Technology solutions.
 - Supported the entire project life cycle including initial implementation and on-going production support.
 - Evaluated business processes and user needs in order to formulate solutions that enable the overall business strategies.
 - Responsible for overseeing and managing information technology projects while coordinating project phases from development to installation as well the liaison between clients, vendors, and consultants.
 - Directing technological research by studying organization goals, strategies, practices, and user projects.
 - Verifying application results by conducting system audits of technologies implemented.

Jali Savings and Credit Plc (JALI SC)	July 2018 to October 2019
IT Manager	
- Ensuring the security of data, network access, and backup systems. - Identifying and acting on opportunities to improve and update software and systems. - Developing and implementing IT policy and best practice guides for the organization. - Identifying problematic areas and implement strategic solutions in time. - Overseeing and determining timeframes for major IT projects including system updates, upgrades, migrations and outages. - Managing and reporting on the allocation of IT budget.	
CAGECFI	May 2017 to June 2018
Software Engineer	
- Identifying, analyzing and documenting problems with program function, output, online screen, or content. - Monitoring the bug resolution effort and tracking the successes and creating or maintaining databases of known test defects. - Planning test schedules or strategies in accordance with project scope or delivery dates. - Participating in product design reviews to provide input on functional requirements, product designs, schedules or potential problems. - Reviewing software documentation to ensure technical accuracy, compliance or completeness or to mitigate risks.	
KUPONI LTD	December 2015 to April 2017
Software Engineer	
- Responsible for design enhancement, design, and implementation of new functionality. - Documenting the software defects, using a bug tracking system, and reporting defects to software developers. - Identifying, analyzing and documenting problems with program function, output, online screen, or content. - Monitoring the bug resolution effort and tracking the successes and creating or maintaining databases of known test defects. - Planning test schedules or strategies in accordance with project scope or delivery dates. - Participating in product design reviews to provide input on functional requirements, product designs, schedules or potential problems. - Reviewing software documentation to ensure technical accuracy, compliance or completeness or to mitigate risks.	
Sokka Rwanda	August 2014 to November 2015
Software developer	
- Involved in design and developing components of this application using MVC 5, Net, HTML. CSS, AngularJS. - Involved in developing the front-end applications using web technologies like HTML/HTML 5, and CSS/css3. - Responsibilities: created a custom angular directive for implementing accessibility features for eliminating cross-browser computability. - Coding, testing of reusable JavaScript, css3, html5 for complex UI controls. - System development and customization using java web development technologies.	
ISE (Inganji Social Entertainment) LTD	September 2013 to July 2014
Webmaster & Database administrator	
- Determine sources of web page or server problems, and take action to correct such problems. - Design, review or update web page content or links in a timely manner, using appropriate tools. - Collaborate with development teams to discuss, analyze, or resolve usability issues. - Responded to customer complaints and comments; troubleshoot and resolved customer problems. - Involving in database backup and disaster recovery strategies - Experience in database server tuning, application tuning, maintaining documentation, capacity planning.	
RSSB	June 2013 to September 2013
Internship	
- Responsible for, documentation, presentation and organization skills with ability to adapt a new environment. - Able to work independently and also as a team. - Able to multi-task, prioritize and work with time constraints while paying attention to details. - Provided training to individuals in verbal, listening, and computer skills to enhance their employment opportunities.	

EDUCATION

✚	2011 - 2014	Studying in Computer Engineering and Information Technology University of Rwanda, College of Science and Technology (CST) former KIST
✚	2006-2009	High School Diploma in Mathematics-Physics -Chemistry (MPC) Groupe Scolaire de Muhura
✚	2003-2006	High School O level Groupe Scolaire Masaka

PROJECTS

✚	Kuponi: www.kuponi.rw was number one deals, coupons and discounts publisher in Rwanda where merchants, shops and services providers can attract new customers and increase sales with proving the discounts, so that the customers can save money on products they want to purchase. It connects merchants and customers by bargain, coupons, discounts and deal products in Rwanda.
✚	Vehicle requisition system: I have developed a system to manage the vehicles activities in Rwanda Social Security Board (RSSB). I did the design and implementation of the system using PHP, HTML, CSS and MySQL for database.
✚	Whiteboard Application: I developed whiteboard application using java RMI that has the same platform as actual physical whiteboard where user can draw figures, write texts that peered to all connected users.
✚	SOKKAA MANAGER: It is a game where user can form his/her own team from different premier league players. Then the system can recognize after a week the points with referring to the player results from champion matches.
✚	SOKKAA BET: It is Facebook application that helps the people to bet for premier league matches and the results can be displayed on Facebook user game portal.
✚	Android Push Notifications for Traffic Events (APNTE): It is system that send notifications to the registered devices of pedestrians, drivers and passengers for traffic events such as road accidents, road under construction and driving license exams. User have to install the application and get id from Google Cloud Messaging (GCM), then receives notifications to his/her device.
✚	SMARTFARMERS: It is web and android application that help the farmers to get more information about crop’s diseases, animal’s diseases and medications. User can use web or android application to search for crop’s diseases, animal’s diseases, medication and can request for engineer consults for any response can be displayed to user web profile or update android application.
✚	Agency Banking System: I have developed an agency banking software to be used by Jali S.C.
✚	Students Projects: I have assisted in more than 100 graduate students for their final projects.

CERTIFICATION

✚ I have certified with ORACLE E-business Suite (EBS) Sales modules

- Financials
- Supply chain management
- Human capital management
- Projects management

✚ I have certified with ORACLE E-business Suite (EBS) presales modules

- Financials
- Supply chain management
- Human capital management
- Projects management

✚ I have certified with CISCO CCNA modules

- CCNA1 • CCNA2 • CCNA3
- CCNA4

REFERENCE

Available upon Request