Amenable Software Engineer gifted at translating basic client requirements into technical development plans. Communicates productively with both technical and non-technical personnel and clients. Quickly learns and masters new technologies , Works at fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success.

Work History

2017-03 - 2021-01

Software Development Team Lead

Smart Banking Solutions, Nairobi

- Managing third-party contractors and internal staff during complex projects.
- Created long-term development plans to optimize performance within multi-project and multi-team environments.
- Held cross-disciplinary brainstorming sessions with technical leads
- Scheduled development timeframes, providing realistic and actionable frameworks for consistent development progress performance.
- Created proofs of concept for innovative new solutions.
- Rapidly prototyped new data processing capabilities to confirm integration feasibility into existing systems.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Documented software development methodologies in technical manuals to be used by IT personnel in future projects.
- Translated technical concepts and information into terms parties could easily comprehend.

2021-02 - Current

Lead Software Engineer

Nexus, Nairobi

- Translated customer and system requirements into robust software design with test-driven approach.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Provided guidance and direction to less experienced staff in resolution of highly complex technical problems.
- Communicated project plans, tracking details, status updates and risk mitigation plans to cross-functional team.
- Improved DevOps across deployment and testing strategies and application monitoring.
- Worked collaboratively with stakeholders to resolve technical roadblocks.
- Delivered technical guidance and consultation with application teams, clients and developers for technology domain environments.
- Implemented and adopted cloud technologies and best practices for automation, configuration, monitoring and platform scalability.
- Provided guidance and mentored less-experienced staff members.
- Promoted experience with Kubernetes, Docker and Amazon Web Services.
- Collaborated with management, internal and development partners regarding software application design status and project progress.
- Developed robust, scalable, modular and API-centric infrastructures.

Robert Muthumbi

Software Engineer

Contact

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Skills

Solutions deployment (CI/CD) ,Gitlab ,AWS (Ec2)
Very Good

Software development lifecycle
Very Good

Project Management and Software Maintenance
Good

Continuous improvement techniques
Very Good

Node js ,JavaScript ,Java ,Mongo DB ,Redis, Elastic Search
Very Good

Web-based software engineering ,HTML,SOAP
Very Good

Client requirements gathering ,UML ,Prototyping
Very Good

Microservices architectural designs ,System Intergrations
Good

Tools (Visual Studio code ,NetBeans,Git , Linux ,windows ,
Very Good

Cloud Solutions (Aws ,Linode ,Digital Ocean)
Good

| 2015-08 - 2017-04 | **Software Developer** |
| | *Obitel Solution Kenya, Nairobi* |

- Updated old code bases to modern development standards, improving functionality.
- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.
- Translated customer requirements into written use cases.
- Planned and developed interfaces that simplified overall management and offered ease of use.
- Designed reusable and reliable code for use within distributed cloud environments.
- Built databases and table structures for web applications.
- Discussed issues with team members to provide resolution and apply best practices.
- Developed software for desktop and mobile operating systems.
- Designed customized solutions for proposals to potential customers.
- Designed intuitive graphical user interfaces to improve user experience.
- Collaborated on stages of systems development lifecycle from requirement gathering to production releases.

2008-12 - 2015-04

Software Developer

Equity Bank , Nairobi

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- Started in Operation department as a Bank teller for 4 years then moved to IT
- Translated internal bank requirements into written use cases
- Participated in software field testing to verify performance of developed projects.
- Discussed issues with team members to provide resolution and apply best practices.
- Documented technical workflows and knowledge to educate newly hired employees.
- Core banking System testing
- Core banking System Integration with Third-party software
- Core banking system Customization

2008-02 - 2008-12

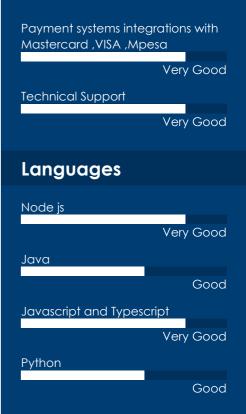### Software Developer Intern

Delan Systems, Nairobi

- Developed CRM project using Visual Basic programming language.
- Supported development, QA and user experience staff to develop new products.
- Learned software engineering process improvements and best practices.
- Wrote clear, clean code for various projects.
- Developed reports using SQL server reporting services.
- Handled scripting tasks for debugging and automation.
- Worked closely with peers to identify issues and provide suitable resolutions.

2007-03 - 2007-12

IT Intern

Unilever Kenya, Mombasa

- Assisted IT team members by crafting project research material for implementation.
- Delivered assistance and support for team-based IT projects.
- Maintained inventory records and documentation for equipment in database.
- Supported IT department in handling technology rollout and maintenance.
- Helped department set up equipment for meetings, events and operations.
- Resolved Internet and wireless and wired network access problems.

Payment systems integrations with Mastercard ,VISA ,Mpesa

Very Good

Technical Support

Very Good

Languages

Node js

Very Good

Java

Good

Javascript and Typescript

Very Good

Python

Good

- Replaced defective components and upgraded office equipment per technology plan.
- Monitored and logged daily server tasks and reports.
- Updated firmware, pushed out files via FTP and troubleshot connectivity issues with remote monitoring equipment.
- Supported team in backup and restoration of Microsoft SQL databases.

2006-07 - 2007-03	**IT Intern**

Nairobi water and Sewer company, NAirobi
- Delivered assistance and support for team-based IT projects.
- Maintained inventory records and documentation for equipment in database.
- Worked with vendors to resolve problems with services, equipment, or inventory.
- Resolved Internet and wireless and wired network access problems.
- Determined and resolved printer and networked copier outages.
- Installed application software and upgrades, virus protection, and drivers.

Education

2003-01 - 2007-04	**Bachelor of Science: Mathematics And Computer Science**

Jomo Kenyatta University of Agriculture And Techno - Nairobi,Kenya
- Received Second class honors

1998-01 - 2001-01	**High School Diploma**

Upper Hill High School - Nairobi ,Kenya

Accomplishments

- Achieved Efficiency by customizing core bank system for Custodial department.
- Resolved existing performance issues in the database which optimized the system Query performance in a production system.
- Mentored new employees to bring them up to speed on projects, resulting in quicker overall completion milestones.
- Key contributor in the design and implementation of an Insurance core system
- Received an award from Smart Banking Solution as Top team lead.
- Seeing of a project from start to finish and being used in Production (Rental Management System ,Payment gateway Integration and a lending system).
- Supervised team of 7 staff members.

Certifications

2012-02	Java SE Certification
2008-03	Oracle Database 10G
2014-03	MongoDB For Nodejs Developer
2018-02	Machine Learning through Cousera
2012-01	Cooperate Leadership Skill offered by Artemis

2014-01   Javascript and Html 5 offered by Udemy

Interests

Computing

Reading

Tree Planting

Language

proficient in English and Swahili