DERICK
ODUOR OMOLLO

SOFTWARE DEVELOPER

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Experienced Software Engineer and Full Stack Developer with 5 years' experience in all levels of software development, system integration, support and testing (performance, functional, integration, system, regression, and user acceptance testing). Supportive and enthusiastic team player highly effective at analyzing existing systems to discover issues and developing creative solutions that satisfy business and customer needs.

SKILLS

SOFT SKILLS

Great Communication
Critical Thinker
Diligent
Team player and leader

PROGRAMMING

Backend Development
Java(Spring MVC / Spring Boot / Spring Batch Frameworks)
ASP.NET / ASP.NET Core Frameworks(C# & VB)

Frontend Development
Android
Flutter(iOS and Android)
Web Application/Bootstrap/HTML/CSS/jQuery

Integrations
Switch gateway
REST APIs
SOAP Webservices
POS Integrations
Rabbit MQ
Firebase Cloud Messaging

DATABASE

Microsoft SQL Server
Oracle
MySQL
Firebase

TOOLS	Microsoft IIS Server
	Apache Tomcat Server
	IBM WebSphere Server
	Google Play Service
	Apple Appstore Connect
	Microsoft Azure Cloud
	Apache JMeter

DEVOPS	Git
	Azure DevOps
	Docker
	Kubernetes
	GitHub

INTERESTS	IOT(Arduino)

E X P E R I E N C E

Jauary. 2019 - Present

SOFTWARE DEVELOPER – FINTECH KENYA -NAIROBI, KENYA

Responsibilities:

- System requirements ellicitaion and analysis
- System design and architecture development
- Develop software systems which include but not limited to:
  - Restful Web APIs
  - SOAP WebServices
  - Integration with third party systems
  - iOS and Android mobile apps
  - USSD applications
  - Desktop applications
  - Web applications
  - Database development
- Coordinate with all project stakeholders to achieve various tasks
- Conduct training of various applications to the support and implementation team

Major accomplishments:

- Development and enhancement of cheque processing system(Chequepoint) – This system is used to process:
  - Bankers cheques for clearing
  - EFT
  - RGTS
  - ATM Captured Cheques processing

  Client projects include:

- Citi Bank(Kenya and Tanzania) – Upgrading from the previous desktop version to the new web based version which has enhanced functionalities.
- Bank of India(Kenya) - Upgrading from the previous desktop version to the new web based version which has enhanced functionalities.
- TPB/TIB Merger(Tanzania) – Integration to the new Rubikon Core Banking System from T24

- Afrasia Bank(Mauritius) – Enhancement of the current system to include Direct Debits based on Transaction Mandates
- Access Bank(Kenya) – Integration to the new Flexcube Core Banking System from OMNI
- Development of Agency Banking System – This system include:
    - POS Device (NewPOS 8210,7210,9220) integration
    - Restful Web API
    - Switch System integration (KenSwitch)
- Development of Mobile/Internet Banking System
    This system include:
    - iOS and Android End User Mobile Apps
    - Web Application (Admin and Client Portal)
    - USSD Apps
    - Restful Web API
    - Integration with Third Party Systems
    Client Projects Include:
    - CDH (Malawi) –
        - iOS, Android and Web Applications
        - Tax payment integration with Malawi Revenue Authority
        - Bill payment integration with FDH Malawi
        - Mobile Wallet integration with National Switch Limited of Malawi, Airtel and TNM
        - Integration with Flexcube Core Banking System
    - Hibret Bank(Ethopia) –
        - USSD App
        - Integration with Flexcube Core Banking system
    - Afrasia Bank(Mauritius) –
        - Enhancement to include Instant funds transfer
    - MFIHub (Malawi) –
        - USSD App
        - Integration with FinFinancials Core Banking System
        - Mobile Wallet integration with National Switch Limited of Malawi, Airtel and TNM
    - FinCoop (Malawi) –
        - Android Mobile APP
        - Restful Web API
        - Integration with FinFinancials Core Banking System
- Development of Enterprise Service Bus System(ESB)
    This system includes:

    - Microservices architecture based services
    - Queue Processing
    - Integration to other third party systems
    - API Consumers to the ESB
    - Web Socket windows application services
    - ISO 8583 integrations
    - Application Security
    Client Projects Include:

    - Afrasia Bank(Mauritius) Cards Project –
        - Integraion with SmartVista Switch
        - Integration with the Flexcube Core Banking System
        - Processing clearing transactions and fees files

- Egerton University Sacco(Kenya) –
  - Integration with Mpesa Daraja for Member and Loan Deposits using Mpesa Paybill
  - Integration with Cooperative Bank Kenya for Cash and Loan Disbursement
- Daima Sacco(Kenya) –
  - Integration with FinFinancials Core Banking System.
  - Exposing the Core Banking Services to Third Party Consumers

October 2020 - February 2021

CONSULTANT SOFTWARE DEVELOPER – BCI TECH - NAIROBI, KENYA
Responsibilities:
- Development of an online insurance brokers system.
- System requirements ellicitaion and analysis.
- System design and architecture development

Major accomplishments:
- Development of a highly optimised Microservices Web API.
- Development of Android mobile app for end users.
- Integration to M-Pesa Daraja payment api.
- Application Security using OWASP methodologies

EDUCATION

2014 - 2019

UNDERGRADUATE DEGREE – EGERTON UNIVERSITY - NAKURU, KENYA
Bachelor of Science(Computer Science)

2010 - 2013

KCSE – AMBIRA HIGH SCHOOL - SIAYA, KENYA
Kenya Certificate of Secondary Education

2006 - 2009

KCPE – NAIROBI RIVER PRIMARY SCHOOL - NAIROBI, KENYA
Kenya Certificate of Primary Education

REFEREES

Available on request.