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Country: Kenya

Personal Statement

Mobile money has been a game changer in the African continent. Its adoption has seen many sectors of the economies benefit with increased ease of doing business. On the flip side, there is increased cybercrime necessitating more vigilance and regulation of mobile money. As a cyber security enthusiast, Wacera knows that to overcome cybercrime and accompanying threats and challenges, a multi-disciplinary approach is needed and is excited about the opportunity this presents to her as a software developer.

Skills

- Ability to consume APIs in react and ASP.NET
- Knowledge of Web development as HTML, CSS, Bootstrap, and JavaScript.
- Knowledge of front-end frameworks such as ASP.NET, Angular or React.
- Backend development with ASP.NET and databases such as MSSQL Server and PostgreSQL.
- An understanding in creating RESTful APIs with the .NET framework and Golang while adhering to the principles of Clean Architecture.
- An Understanding of web development process (design, development)
- Strong teamwork skills with a problem-solving can-do attitude.
- Understanding of ideation and sketching in UI/UX Design.
- An understanding of object oriented programming in Python.
- Ability to structure a webpage with HTML and style it with CSS.
- Ability to manipulate document object model(DOM) in JavaScript.
- Knowledge of VirtualBox, Windows Subsystem for Linux (WSL), and Docker containers
- An understanding of Goroutines in the Go

Work Experience

Software Engineer

*JamboPay, Nairobi, WestLand
May, 2024 - Jan, 2025*

Worked on the CBK reporting system, which helps users interact with a database with Go(golang) and PostgreSQL.

- Modifying reports service and new features to the service performance.
- Learned how to add Swagger API documents for easy testing in Golang cbk project application service .
- Fixed bugs with the Postman testing tool to ensure all the errors were handled correctly while downloading reports.

Junior Software Developer

*JamboPay, Nairobi Town
July, 2023 - May,2024*

Worked on modifying back-office performance, cleaning front-end code for responsive web interfaces

- Worked on BackOffice product for secure, quality server-side code with C#.NET.
- Focusing on usability and user experience in developing the UI for generating bills within the Merchant portal.
- Worked with the design team to turn static designs into dynamic applications for Merchant portal products.
- Fixed bugs with Akka.Net for requests and responses for different merchants, and improved product performance in Wallet Report microservice.

programming language.

Education

AkiraChix

CodeHive Program - Diploma in Information Technology

Nairobi, Karen

01/2022 - 12/2022

Courses

Front-end Web Development How to manipulate DOM elements, DOM Events, Handler and providing information about the events to the script ,Operating systems, Comparing values from one data type to another, Rendering elements, React JS Frameworks, JS Tools and Libraries (NPM).

Back-end Web Development Deploying a Django web application to the cloud, Querying and returning data, Returning JSON data with Django views,Creating Url routing module,Accepting and saving JSON data.

Front-end Mobile Development Fetching and displaying data from SQLite database, Signing and making a release apk, Publishing App to the Amazon App store, Parameters and return types, Repository pattern for data source.

Internet of Things Design for assembly and manufacturing, Design simulation and optimization, Schematic and designing a printed circuit board, Arduino system integration.

UX Research Design Thinking and Human-Centred Design, UX Research methods, Planning a user research study, Conducting ethical user research, How to ideate for solutions.

UI/UX Design Adobe illustrator, Adobe Photoshop, Color psychology, Stationary Design, Testing of prototypes.

Reference

Linda Kamau, Co-founder, AkiraChix,
lkamau@akirachix.com

Abdulmanan Ahmed, CTO at JamboPay
aahmed@jambopay.com

Lawrence Katuva, Software Engineer at JamboPay
larry.katuva@gmail.com

Software Developer Intern

JamboPay, Nairobi Town

Nov, 2022 - July 2023

During my internship period I acquired skills demonstrated in different projects within the organisation like

- Retrieving and organizing transaction records in a paginated manner for payout purposes within the Merchant Portal with [ASP.NET](#) and MSSQL.
- Fixing bugs with received commission performance for the Merchant portal.

Projects

Wallet Report System

Developed a report service for JamboPay wallet that downloads reports per request and per scheduled to send at mid-night via email.

<https://client.jambopay.com/reports>

Cbk Report

Developed a service for Cbk that aggregates data from core database to Cbk dataset required by Cbk.

<http://192.168.11.55:8031/swagger/doc.json>

AkiraChix Graduation Countdown

Developed a countdown webpage using HTML,CSS that shows the days to graduation day.

<https://akirachixcountdown.netlify.app/>

Account system

An account transaction using Python to allow deposits, withdrawals and get a loan.

<https://github.com/WaceraMercyThird/Wallet>

Green Kiosk

Engaged in research to increase market reach for green kiosk vendors in order to improve sales.

https://drive.google.com/drive/u/0/folders/1Z_KHYbOlzbfHt5zdo0X6h1v3qY4BNu7w

WorkOut-Log

A fitness app with Kotlin programming language to allow users to track down fitness targets as well as be in control of their healthy living.

<https://www.figma.com/file/IdGuI3CWmAv7cMUHwifCGB/Untitled?node-id=0%3A1>