OJO TOKUNBO KAYODE

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Summary

I am a fullstack software engineer, with experience focused in the fintech sector (amongst others). I have vast experience in core software development using software engineering principles to build products and solve business challenges. I have had the privilege of leading teams towards successfully achieving a common goal.

Professional Skills

Backend: Java (Springboot), Nodejs (Express, Nestjs), PHP(Laravel)
Frontend: jQuery, angular2, Vue
Databases: MySQL, PostgreSQL, MongoDB, Elasticsearch
Devops: Heroku, Azure, Docker, Digital Ocean, Jenkins, AWS

OTHERS

Knowledge and experience of software development using Object Oriented Design.

Experience writing unit tests with JUnit (Java) and Jest (Nodejs)

Experience developing software applications using microservice architecture

Practical knowledge of the SOLID principle of software design.

Professional Experience

Kado.money: Dec, 2022 – May, 2023
Massachusetts, U.S.A.
Position: **Backend Engineer**

Accomplishments:
- Led the release on the new password auth flow for customers using AWS Cognito and the custom auth flow
- Reworked the logging implementation using Datadog which now makes it easier to trace errors/issues and reduce time to resolve them by 20%

KIPPA: June, 2020 – Dec 2022
Abuja, Nigeria.
Position: **Backend, Lead**

Accomplishments:
- Built the first version of the kippa solution alongside a team member. Our collective effort went ahead to help raise a $3.2 million pre-seed funding for the company.
- Led the backend team on the migration to a microservice architecture, an initiative to help scale the business with our growing user base.
- Worked with the team to design and implement the architecture for the Payment ecosystem
- Experienced personal growth in the areas of leadership and people management.

ATOS LTD (MTN, Nigeria): June, 2021 – June 2022
Lagos, Nigeria.
Position: **Fullstack Engineer**

Accomplishments:
- Worked with the product team in building, releasing and maintain critical features used by millions of users across Africa including NIN validation, KYC verification, Datashare etc.
- Support the team in troubleshooting and resolving critical technical issues.
- Provide support to designated testers during IAT and UAT

ESETTLEMENT LTD: Mar, 2019 – July 2020
Lagos, Nigeria.
Position: **Senior Backend Engineer (Microservices)**

Accomplishments:
- Worked with the team that pioneered the migration to the microservice architecture.
- Led the team that developed the FUNDING, WALLET and VAS microservices.
- Worked with team to implement the gRPC inter-service communication as opposed to REST.
- The Migration to microservices helped reduce downtime and increase transaction volume by almost 40%

BINCOM ICT: July 2016 – Feb 2019
Lagos, Nigeria.
Position: **Senior Associate**

Accomplishments:

- Lead engineer on the team that revamped Airtelcoop, a collection and accounting solution that is used internally by Airtel for staff savings.
- Reduce errors during savings update to zero.
- Increase collection by implementing immediate shortfall (balance of loan repayment that couldn't be deducted from source due to labour laws) notification.
- Ensuring software and process Documentation.
- Training of students in Bincom Academy.
- Lead the team that developed Marivat, an FIRS initiative to collect VAT and WHT at source from concessionaires.
- Worked with the team to write adapters and collaborate with concessionaires to foster integrations with their servers.

Projects

Kippa

Kippa, at its core is a bookkeeping solution aimed to help SMEs and SMBs keep track of their financial state by keep record of their inflow and outflow amongst other features like debt reminders, business cards, invoices, profit analysis and report summary. This serves SMEs as a toolbox to help them keep track of business transactions, help with debt recovery and overall help with business growth.

Technologies: Nodejs (Nestjs, Expressjs), Postgres, mongo, Redis, RabbitMQ, elastic search

ATOS(MTN)

MTN is one of the biggest telecommunications operations in and around western Africa that serves over 50 million customers in NIgeria alone. Core functionalities at MTN included building highly scalable functionalities to support business operations based on provided business use cases, technical support etc.

Technologies: Java (springboot), MySQL, Kubernetes

Paycenter

Paycenter is one of the leading fintech products in Nigeria playing in the agency banking space amongst other operations. Core operations at Paycenter involves processing of agent transactions via P.O.S, dispute resolution etc. My core task at Paycenter had involved building and maintaining microservices to support the business operations, technical support, architectural planning etc.

Technologies: Java (springboot), Nodejs (express), mysql, angular2, kafka

Airtelcoop

Development of Financial assets management solution and e-portal for the Airtel cooperative society, one of the biggest such cooperatives in Nigeria. This solution was responsible for recording, processing and managing members' savings, determining loan eligibility status of members, disbursing of loans, recording and tracking of repayments and disbursing dividends. A breakdown of its features is listed below.

- Recording, processing and managing members' savings
- determining loan eligibility status of members based on the statutory labor laws
- Managing the process of loan application end to end
- Disbursing of loans
- Tracking paybacks and Debt management.
- Disbursing dividends
- Balancing of accounts.

Technologies: Nodejs (Nestjs, express), postgres, mongo, redis, rabbitMQ

Marivat

Marivat is an automated tax collection and remitting solution, an initiative of the Federal Inland revenue Service (FIRS) to ease the pain and bottlenecks of tax collection. This project included

- Direct integration with the ERP of the concessionaires to get transactions out of their system.
- Calculate the Vatable amount from these transactions, excluding VAT exempt/zero rated supplies and services
- Integration with a payment gateway, in this case (Remita) to set up a direct debit mandate for deducting the vat payable.
- Report and tracking of payment failures and downtime.

Technologies: Nodejs (Express), Postgres, Mongo, Redis, RabbitMQ

Social Lender

Social lender is a lending platform that uses a proprietary algorithm to determine a user's eligibility to access loans and to what limits based on their social reputation score a gathered from their active social spaces. This leveraged on the strength of the individual's social network and certain key identifiers which is passed through an AI algorithm to determine the social reputation score.

PHP(Laravel, yii, yii2), Nodejs (express), MySQL, Angularjs

Links

Github: https://github.com/theekhay

Stackoverflow: https://stackoverflow.com/users/8439622/ojo-tokunbo

LinkedIn: https:www.linkedin.com/in/tokunbo-ojo-35419a75

Website: https://theekhay.github.io

Educational Background

Federal University of Technology, Akure (FUTA)   **2010 - 2015**
B.TECH Computer Science

Interests and Activities

- Programming, Movies, physics

References available on request.