KONWEA, NKEM PRINCE

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CAREER SUMMARY

An excellent team player with over 3 years' in-depth knowledge and experience of the JavaScript/Typescript, PHP languages and their respective development tools during which I have demonstrated ability to develop and deploy user-friendly, performance, scalable applications using best practices like test-driven development, code coverage, linting and good code architecture.

SKILLS

- Html, CSS3, JavaScript, Typescript

- Postman, Swagger

- Jest, Cypress, Mocha, Chai

- PHP, MySQL, Nodejs, Express, MongoDb , Apollo Graphql

- React, Nextjs
- Bootstrap, Tailwindcss

- Redux, Context-Api

- Docker, Docker-Compose, Docker-Swarm, Nginx.

- Github, Dockerhub.

- AWS, Digital Ocean.

PROFESSIONAL EXPERIENCE

Daba. Miami, United States| Remote Front-end / Full-Stack Engineer   Feb 2022 - Present

Achievements:

- As one of the founding engineers at daba, I was responsible for setting up the backend and front-end infrastructure, contributing to the architectural design, making POCs to demonstrate the use of Kafka, collecting design requirements and their analysis and also initiating conceptual and logical design using lucid chart and dbdiagram, setting up mongoDB clusters using atlas.

- Designed, tested and published reusable and responsive React-Storybook components to a private NPM registry.

- Built web pages using components from the private NPM registry.

- Integrated web client UI built with react and typescript to a graphQL Api using apollo client

- Contributed to the official website built with NextJs where I implemented server-side rendering on marketing pages to boost SEO.

- Set up apollo-graphQL microservice server designed to scrap news from google news Api at scheduled intervals and serve respective news to the mobile and web client.

- Added features such as the daily investor update designed to give daily market updates to investors using the app with regards to investing in African startups, crypto and the stock market.

- Implemented Kafka as a means of communication between micro-services using confluent-cloud as a broker while producing and consuming from respective Kafka topics and partitions.

- Integrated stripe subscription to the app as a means for users to subscribe to different plans while using the app thereby generating revenue and also set up web hooks to periodically update user subscription records on specific events such as successful and failed renewals.

- Integrated NORTH CAPITAL API to investment service for startups (fund raising companies) to be able to start fund raising campaigns on the app.

- Write unit and integration test for queries and mutations to ensure backward compatibility when new features are added.

- Added a script to publish graphQL schemas to federated gateways on deployment with GitHub CI/CD

- Compile, Prepare and Containerized services for deployment to AWS

- Website URL: https://dabafinance.com/

Bunches. New York, United States| Remote **Front-end developer**   **Nov 2021 – Feb 2022**

    Achievements:

- Fixed a major bug with memory leak causing users device to freeze after some time due to too much consumption of resources

- migrated code base from using Context-api to use Redux

- implemented new functionalities such as using React ,tailwindcss., Consuming a graphQL api using Apollo-client

- performance optimization with real time chat updates, group messages, complete emoji reactions and direct response to messages in group chats, keyboard shortcuts

- Website link - https://bunches.chat

HackerBay. New York, United States| Remote **Software Developer**   **Jun 2021 – Nov 2021**

    Achievements:

- Review project specifications and designed technology solutions that meet or exceed performance expectations

- Orchestrate efficient large-scale software design and development.

- Write highly maintainable, solid scripts for deployment to AWS EKS system, forming core framework and earning consistent praise from subsequent developers since initial version

- Collaborate with clients to define solution requirements, accounting for applicable development variables.

- Create procedures for system monitoring, recovery, backup, and optimization.

- Participate in cross-functional projects while working in lean development environments.

Bespoque Business Solutions, Lokoja, Nigeria | Software Developer   **Nov 2020 – Jun 2021**

Achievements:

- Rebuilt a tax portal that was initially written in PHP using react and Nodejs. This web application enables taxpayers file annual returns, monthly remittances and withholding tax schedules in csv formats, make payments and upload supporting tax documents. As the lone developer on this project, I implemented the UI, designed, developed and integrated the APIS and this application has become the flagship payment portal in KOGI state because it's now able to process large amount of data in small time due to the asynchronous I/O of Nodejs and a well implemented micro service architecture. This also helped convinced my company to choose React and Node as our tech stack going forward. **Link**: https://etax.irs.kg.gov.ng/ test credentials: 2247062701, password: "Hotspot247.".

- Set up a CI/CD pipeline for deploying a Node/Express Rest-Apis using Docker, Docker-Compose, Docker-Swarm and Nginx as a load balancer on a digital ocean server droplet. This reduced downtimes of micro services by 90% and ensured continuous integration and deployment.

- Worked in a team of developers to build the TaxPlay mobile app which enables taxpayers signup, login, view tax history and make payment. This app increased revenue collection by 20%. available on request.

- Developed a web application that allows taxpayers pay tax online using desired payment service providers such as Etransact, Remita, Interswitch and also generate printable receipts on successful payment. **Link**: https://epay.irs.kg.gov.ng/   Tax Id: 2247062701

- Added critical security feature of appending QR code to generated collection receipts generated by the collections application which has prevented counterfeiting. Link: https://epay.irs.kg.gov.ng/get-receipt sample ref: 734046318.

- Built an executive dashboard where collections and user registrations are visualized in an easy-to-understand user interface in form of graphs and charts, enabling the analytics team make sense of large data easily.

WISPER, Nigeria | Software Developer / Intern   **Jan 2020 - March 2020**

Achievements:

- Worked alongside product manager and designer to build web interfaces.

- Website URL.: https://wisper.ng

- Implemented customer facing UI with html CSS and JavaScript

EDUCATION

University of Benin, Benin City**|** **B.Sc Animal and Environmental Biology**   2015-2019

Second-Class Honors, Upper Division

HOBBIES

Music, Football, Coding

PERSONAL DETAILS

Gender   -   **Male**
Date of Birth   -   **12th August 1996**
Marital Status   -   **Single**