



# Jonathan Kusi Ankrah Nsiah

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## Professional Summary

I am a results-driven software developer passionate about developing user-friendly software applications. I possess excellent problem-solving skills and can perform well in a team. I seek to help organizations develop their product as a software engineer and as well as grow and develop my own skills.

## Experience

### **Salesforce Commerce Cloud Developer – April 2022 -Present | Nexum AG**

- Member of a team adding new features to the online shop of a big jeweler in Europe serving over 900,000 clients per month.
- I wrote and configured service scripts to interface with external systems.
- I wrote and configured job steps and jobs to run asynchronous tasks.
- I extended system objects to implement new client requirements.
- I created new custom object types to implement new client requirements.
- I integrated customer data with Salesforce CRM.
- I extended the customer registration process to include email verification processes.
- I built new pages from the page designer tool for new features.

### **Salesforce Commerce Cloud Developer – June 2021 – March 2022 | Nexum AG**

- Member of a team which built an SFCC based ecommerce platform for a furniture selling client.
- Built custom cartridges for highly reusable and configurable page designer components such as modals, input boxes and video widgets based on bootstrap 4.
- Wrote hooks functions to inject structured data for various schema types based on specifications on schema.org and Google search central through velocity templates to increase website search index and visibility to web crawlers.
- Built a react application based on the lighting web design components which was used as a business manager module to help merchandisers and administrators easily manage custom object types through a custom SDK built with OCAPI endpoints.
- I worked on configuring the site in different locales. The site was configured for English and German languages. Built and configured a multi locale site with catalogue, products and price list in English and German.

### **Frontend Engineer, Fleri - February 2022 – August 2022 | Freelance**

- I built the Fleri Health Onboarding, Sponsor Dashboard and Admin Dashboard with Next JS and TypeScript.
- I built reusable UI components and pages with Chakra UI.
- I added and configured Redux Toolkit for state management and RTK Query for data fetching to the Fleri applications.

### **Mobile Development - 2020 | Freelance**

- Built a mobile banking application based on React Native and Expo. (Under active development).

### **Content Management Systems - 2018 | University of Energy and Natural Resources**

- Assisted with the building of a university website using the WordPress content management system.

## Education

BSc Computer Science | November 2017 | University for Development Studies

## Training / Short Courses

AWS Cloud Developer | February 2021 | UDACITY

[See Certificate](#)

- Designed and deployed scalable, extendable, and maintainable Node JS image sharing application using modern cloud architecture and services such as S3, RDS, and Elastic Beanstalk
- Built a CI/CD pipeline with Travis that builds and deploys docker images to Kubernetes clusters on Amazon EKS.
- Built a serverless image sharing REST API using API Gateway and AWS Lambda with AWS DynamoDB and S3.

Google Cloud Developer | August 2021 | Google Africa Developer Scholarship (GADS)

- Designed and deploy a simple Node JS application to GCP App Engine

## Certifications

- Microsoft Certified: Azure Fundamentals  
July 2020  
[See Credential](#)
- Salesforce Certified B2C Commerce Developer  
March 2021  
[See Credential](#)
- AWS Certified Cloud Practitioner  
November 2021  
[See Credential](#)
- Salesforce Certified Associate  
December 2022  
[See Credential](#)

## Skills and Tools

### Proficient

- JavaScript • TypeScript • jQuery • Sass • Salesforce Reference Architecture • Express Js • Nest Js
- Java • Spring Boot • WordPress • React • NEXT Js • React Native • Redux • Svelte / Svelte Kit
- GraphQL • Prisma • MySQL • Mongo dB • Redis • AWS • Azure • Google Cloud

**Familiar with:** Microsoft Azure, Apache Kafka

**Communication:** Strong written and verbal communication skills.

## Projects & Code Demos:

- A social network application where users can follow other users and see, like and comment on posts.
  - User Service - <https://github.com/jooankrah/Socio-User-Service>
  - Post Service - <https://github.com/jooankrah/Socio-Post-Service>
  - Gateway - <https://github.com/jooankrah/SOCIO-GraphQL-Gateway>
- Instagram Clone – A clone of the popular image and video sharing app Instagram  
<https://github.com/jooankrah/instagram-clone>
- An Online application system for tertiary school and higher-level educational institutions to recruit students.  
[https://github.com/jooankrah/node\\_admission-sys](https://github.com/jooankrah/node_admission-sys)
- A mobile banking application based on React Native and Expo  
<https://github.com/jooankrah/FinApp-Mobile> - Code Repository  
<https://expo.io/@jooankrah/projects/finapp-mobile> - Demo
- A microservice application mimicking the popular yelp camp project by Colt Steele.  
<https://github.com/jooankrah/Campground.git> - Code Repository