Samson Kwaku Nkrumah

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Punjab-India

EDUCATION

Lovely Professional University   Punjab, India.
B. Tech Computer Science and Engineering
- Tech Lead Google Developer Student Club.

EXPERIENCE

Reprezentme Ltd   Abuja, Nigeria
Chief Software Architect   September 2022 - Present
- Integrated work methods and matched organizational goals with a corporate mission to boost business growth.
- Managed company-level protocols for platform, architecture, and data configuration.
- Work with stakeholders on features to be added and improved for a high market stance.

 Freelance Software Engineer   September 2021 - March 2022
- Authorized development guidelines to hasten the creation of applications throughout pre-made frameworks.
- Developed architectural strategies for deploying large-scale, system-wide applications.
- Attended weekly customer meetings to discuss the project's direction and milestone accomplishments.
- We have developed databases and data structures for both online and mobile apps.
- Wrote clean, straightforward, and well-tested code

Fairwords Inc.   Longmont, CO, USA
Senior Software Engineer   April 2022 - August 2022
- Modern development standards were applied to an outdated code base, enhancing functionality
- Created code that is reliable and reusable for usage in dispersed cloud environments.
- Created user interfaces for platforms powered by Amazon Web Services.
- Maintaining legacy systems.
- Coding change documentation, integration, testing, and peer reviews.

Xearth Pvt.   Abidjan, Ivory Coast
Chief Technology Officer   June 2020 - Present
- Integrated work methods and matched organizational goals with a corporate mission to boost business growth.
- Developed fundamental business operations processes
- Managed company-level protocols for platform, architecture, and data configuration.

Asqii Llc   Kumasi, Ghana
Software Engineer   September 2016 - July 2019
- I worked on a school management system that is utilized in three African nations. (https://schooldesk.cc).
- In order to better grasp the system's requirements, I managed customer interactions.
- Designed and developed reliable solutions to fulfill customer needs for functionality, scalability, and performance in collaboration with the software development and testing team.
- Produced incredibly strong, manageable code.
- Used face-to-face encounters and Google forms to collect requirements and transform them into a software solution

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PROJECTS

PP-Stream   September 2022
Live Stream Application
- Built this live streaming application during a 24-hour hackathon, which supported many different formats mp4, vimeo, etc. It also had a feature for replaying and pausing.
- It was build using an event-driven microservice architecture, with WebRTC and Socket. The technologies used include node js, nestjs, mongodb, webrtc, rabbitmq, flutter, dart, react js, socketio, etc.

Fnf-express   March 2021
An NPM Package
- This package helps speed up the development of nodejs applications written in express js, with inspiration from nestjs CLI.
- It follows the MVC Architecture to create a server easily using CLI.

Algorithm Visualiser   March 2020

Web-Based Sorting Algorithm Visualiser
- Designed and created this UI in React and electron JS that clarifies bubble, merge, insertion and selection sort in data structures and algorithms

Boanergests September 2022
Admin Panel Template with CRA and Typescript
- Created a create react app (CRA) admin template in typescript with redux, redux-toolkit, etc. Which can be bootstrapped with just a single command, npx create-react-app any_name —template boanergests.

ACHIEVEMENTS

- I had contributions to my open source project, which was featured in Digital Oceans Hacktoberfest. It had more than 10,000 contributions.
- I served as the team's captain and guided the group to victory in the Hult Prize on Campus competition, which helped us advance to the regional phase of the competition in November 2020.
- I was chosen by Google to facilitate the android study session at my institution, Lovely Professional University.
- Passed the Google Cloud Challenge in 2021 and received some incredible prizes from Google.
- Selected by MongoDB, to talk about how I have used MongoDB in my Startup.

SKILLS

TECHNICAL
Languages: C, C++, Python, Java, Dart, Golang, Kotlin, Javascript, and Typescript.
Framework/Libraries: React, Flutter, Express Js, Django, Flask, Nest Js, Next Js, Angular Js, Electron Js, etc.
Data: MySQL, Postgres, MongoDB, Sqlite, Cassandra and Dynamo DB.
Tools: Git, Github, GCP, AWS, Trello, Slack, Discord, Jira, Confluence, Jenkins, Linux Server Administration, Data-Dog, RabbitMQ, Kafka, Docker, Kubernetes, WebRTC, RMTP, XMPP, ELK, Grafanna, Prometheus, Nginx, Apache, HAProxy, Cypress, Jest, Jmeter, etc.

INTEREST
Football (Messi Fan), swimming, public speaking, basketball, music, software architecture discussions, and problem-solving.