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Email

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LinkedIn

www.linkedin.com/in/collins-gyamera-99a98a196 .

Address

Achimota - Accra, Ghan

Github

https://github.com/collinsbrefo123 .

SKILLS

- JavaScript programming
- Python programming
- Bootstrap Framework
- React/Next JS Framework
- Tailwind CSS
- Django Restfamework API
- Java

COLLINS BREFO GYAMERA

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Experienced Software Developer adept in all stages of advanced web development. Proficient in an assortment of technologies, including Java, Python, JavaScript, and PostgreSQL. A collaborative team player with excellent technical abilities offering 2 years of related experience.

WORK EXPERIENCE

09/2021- 09/2022 **TEACHING AND RESEARCH ASSISTANT**

UNIVERSITY OF GHANA, ACCRA, GHANA

1. Worked with the lecturer to research and develop new learning material for students for their courses.
2. Helped gather resources for lecturers assigned to me to further their research within their research field.
3. Handling the laboratory session for the courses assigned to me.

03/2022 - 09/2022 **FRONT-END DEVELOPER**

DIGIITS AGENCY, GHANA

1. Efficiently implemented web applications and mobile applications from conception to deployment.
2. Optimized all output using a fresh, mobile-first strategy and responsive methodology
3. Successfully identified, diagnosed, and fixed website problems, including broken links, typographical errors, and formatting issues.

EDUCATION

08/2017 - 09/2021 **UNIVERSITY OF GHANA, ACCRA, GHANA**

Bsc. in Engineering(Computer Engineering)

1. Graduated with Second Class Honors (Upper Division)

COURSES

01/2020 - 04/2020 **UNIVERSITY OF GHANA, ACCRA, GHANA**

Information Security and Ethical Hacking

PROJECT

Designed a Trading Engine for placing and tracking of stock orders

1. With Spring-boot(Java) as the main framework, , a trading engine consisting of four micro-services was built to handle specific functions
2. To facilitate communication between the micro-services, Kafka queues and rest interfaces was used. This allowed easy response and triggering the necessary functionality.
3. To allow easy and quick deployment of the application, docker images and containers were used to facilitate that.
4. To simulate client side of the system, a web application using next Js was used to allow communication to the system using REST interfaces.
5. In order to track the progress and assign tasks to members and track the progress, Jira Software was used to track the sprints.
6. To store the orders placed, client details and other information needed for transaction, PostgreSQL was used as a database for three micro-services.
7. In order to facilitate easy access of relevant data without connecting to the database, Redis cache was used. This helped retrieve data easily without server-side delay.
8. Also, Bit-bucket was used as the Git Repository management for tracking and pushing of progress to avoid any losses.