**EBELECHUKWU DORIS OKOLO**

**Software Engineer**

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**GitHub**:https://github.com/Doris-Always **LinkedIn:**https://www.linkedin.com/in/ebelechukwu-okolo-0490261b8/

**Profile Summary**

As a software engineer, I possess extensive understanding of all phases of software development, as well as a commitment to clean coding practices and top-notch software architecture knowledge, problem solving, with a deep understanding of computer science concepts such as data structures, algorithms, complexity analysis. Through two years of experience working with software development teams at different levels both as an apprentice,student and self-learner, I have my skills in software architecture and design, utilizing UML tools, SOLID principles, DRY principles, Test Driven Development Approach, and design patterns.

**Technical Skills**

*Languages:* Java | Python | JavaScript

*Database:* MySQL, MongoDB

*Project Management:* Agile Tool - Jira, Kanban

*Frameworks:* Spring boot | Django

*Library:* React

*Platforms*: Amazon Web Service

*Concepts and methodologies:* Algorithm and complexity | Security | Interfaces | Test Driven Development Approach | Dockerization and Kubernetes, Continuous integration and development.

***Other tools*:** Git and GitHub, ArgoUML, Microsoft Office packages,Figma.

**Project**

1. **Emergency App (collaboration:**https://github.com/Doris-Always/watchApp.git**)-** *an application that enables user to report emergency and alert friends and family while in danger.*

* I built the application built using html,CSS and javaScript.
* I used bootstrap as a CSS framework.
* I ensured responsiveness using CSS media queries.

1. **`Country-Search App (personal:** https://search-country-withme.netlify.app/**)** - *an application that consumes rest Api to display countries and detail information of that country.*

* I built the application using Rest Api to display countries and their details.
* I used bootstrap and raw CSS for design and to ensure responsiveness.
* I hosted the application on Netlify.

1. **Hotel Management System (personal:**https://capstonehotels.vercel.app**)** - *an application for managing online reservations, payment etcetera*

* I built the application with React.
* I integrated API from the back end for reservation,payment and canceling Reservation.
* I did requirement gathering with my team
* I drew use case for the actors,that is ,the Guest and the Receptionist
* I also designed the UML Diagram and ERD with my team
* I hosted it on vercel

1. **Notebook App (personal) *-*** *an application where users can take and*

*manage their notes..*

* I built the application using Java Springboot and maven.
* I used MongoDb.
* I tested my endpoints with postman

**Work Experience**

***Company: Software Development Apprentice Start date:*** *May 2022*

**Semicolon Africa** ***Present***

* While learning, I work with the development team to develop software projects in fulfillment of client requirements.
* I deploy my design thinking knowledge to proffer solutions to complex problems before development. In addition, I participate in the design of system architecture during team meetings.
* I participate in stand up meetings and contribute to assigned sprint tasks when developing new project features.

***Front-end Developer Start date:*** *June 2021*

***Digitanotion Systems,Awka,Anambra state*** ***End date:*** *May 2022*

* I worked with a startup to drive business through market research and idealization.
* I worked with my teams to ensure software products are delivered on time.
* I maintained a relationship with clients, worked, and delivered clients-centred projects including Emergency App.
* I ensured our software products came out with great user experience and a well written content to match.

***Instructor Start date:*** *August 2021*

***Digitanotion Systems,Awka,Anambra state*** ***End date*** *December 2022*

* I facilitated learning among group of front-end developers
* I assisted these group of front-end developers through and after training to ensure they understand problem solving,user experience and good user interface.
* I modified existing software to detect and correct errors, improve performance, and upgrade interfaces.

**Education**

***Nnamdi Azikiwe University,Awka,Anambra state*** *Sept 2014 – July 2018*

B.Sc.-Botany

**Volunteering and Community Leadership**

***Volunteer 2019 - 2020***

National Drugs Law Enforcement Agency (NDLEA)

National Youth Service Corps, Abuja Nigeria

* I sensitized high school and university students along with youths in the community on the effect of drug addictions.
* I participated in creating an awareness program and mental recovery workshop for drug-addicted individuals.

**Referees**

Available on request.