Ikenna Ifekaonwu

https://www.linkedin.com/in/ikenna-ifekaonwu
1818 Chandler Road Statesboro GA
ifekaonwuikenna@gmail.com | 912.541.0818

SUMMARY

Dedicated Developer with a passion for software development, with an in-depth knowledge of Object-Oriented Programming (OOP), Service Oriented Architecture (SOA), Microservices, MVC and N-tier development pattern. A motivated designer and developer with experience creating custom websites through HTML, CSS, and JavaScript. With a proven collaboration skill in developing web and mobile application using React, React Native, firebase and Django framework, Java spring Boot core Web API, AWS, Restful API, ASP.NET, JUnit and a strong experience in building microservices using the Spring Boot.

EDUCATION

Georgia Southern University
MS, Mechanical Engineering
2021 | Statesboro, GA

Federal University of Technology Owerri
B.ENG. Mechanical Engineering
2014 | Nigeria

COURSEWORK

- Mechatronics
- Digital Control System
- Computer Science
- Object Oriented programming
- Research methods
- Modelling and Simulation

SKILLS

Core Programming
- JAVA
- JavaScript
- Python

Frontend
- Html
- CSS
- Bootstrap

Frameworks
- Spring Boot
- Django
- React
- React Native

Version Control
- Git
- Bitbucket

Database Software
- MySQL
- Firebase
- H2 Database
- DynamoDB
- Amazon RDS

EXPERIENCE

Aipalbot LLC | Full Stack Java (AWS) Developer
Jan 2020 – till date | California, USA
- Developed web and mobile apps using React Js
- Conducted the implementation of MVC pattern using React JS and spring controller
- Optimizing React components for maximum performance in web devices
- Authentication of users using AWS Cognito.
- Extensive experience in database programming on stored procedures, functions and triggers using SQL, and H2 database.
- Use Spring boot to develop various Restful APIs that accept and process request in a readable format such as JSON.
- Collaborated extensively with other team members to develop enterprise application using Object Oriented Programming and, Scrum and Agile approach.
- Migrates personal project services to AWS cloud.

Georgia Southern University | Graduate Assistant.
August 2019 – till date | Statesboro, GA
- Optimized a MATLAB code for quality assurance of additive manufactured structures via video magnification
- Created a Fast Fourier Transformation for analysis of the frequency of 3D printed materials.
- Conducted a spatial decomposition of video signal with a phase-based motion magnification technique and reconstruction of the magnified output.
- Modified initially created web design (Cybertrain) for online learning.

EXPERTISE

- Enterprise Implementation
- Data Structures and Algorithm
- Object Oriented Programming
- Core Java programming
- JUnit Testing
- Collaborative Development (Bitbucket & GIT Hub)
- Amazon Web Service (AWS)
- Front-end Development
- Java Microservice
- Data Migration and ETL development
- Database Application Development
- Agile methodologies and Design Patterns

PROJECTS

- Web design (Cybertrain) using Html, CSS, JavaScript
- Burger Recipe Application using React Js and Firebase
- Vehicle Leasing application in Java
- Mobile application (Utang) in React-native and firebase (in progress)
- E-commerce website using Django framework (in-progress)
- Migration of e-commerce website to Java backend and react.