

ILOEJE KENECHUKWU FRANCIS

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SUMMARY:

Full Stack Software Engineer, dedicated and adaptable team player with extensive knowledge of Spring Framework, and software engineering concepts and a creative aptitude for new product development. Oracle Certified Professional Java Programmer (OCPJP). Interested in an organization that provides an opportunity to capitalize my technical skills and ability in diversifying my technology stack and also contribute to the productivity and goals of the organization.

PROFESSIONAL SKILLS:

- **Programming Languages:** Java, TypeScript
 - **Java Framework and Technologies:** Spring Boot, Spring Security, JDBC, Hibernate, JPA, Ninja Framework, Android, Apache Kafka, Redis, Java Messaging Service (JMS), Unit and Integration Testing.
 - **Web Framework and Technologies:** Angular, Angular.js, JavaScript, HTML, CSS, AJAX, JSON, XML, Bootstrap 4, RESTful API
 - **Databases:** PostgreSQL, MySQL, SQL
 - **Servers:** Apache Tomcat, Nginx
 - **Operating Systems:** Windows, Linux (CentOS)
 - **CI/CD:** Jenkins
 - **Build Tools and Others:** Gradle, Maven, DevOps, Jira, OAuth2.0, Git, Bitbucket, BIRT(Reporting)
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CAREER HISTORY:

October 2021 – date Byteworks Technology Solutions Limited.

Description: A Software Development Firm focused on designing, building and maintaining Identity and Revenue Management solutions for different industry segments from e-Government to Income Tax industry solutions. Clients include Federal Government, CAC, NIMC, Gombe State, Anambra State, Enugu State, Edo State, Karu LGA etc.

Position: Software Engineer

Key contributions:

- Setup tomcat server, installed and deployed an existing Spring boot Java application which was eventually installed in NIMC data center.

- Setup Kafka to enable seamless data streaming and transfer between several microservices and improve efficiency by 35%.
- Setup Redis Clusters integrated with kafka to provide fast messaging reliable data communication and transfer to increase the reliability of the system used by MTN to enroll millions of individuals in Nigeria by 33%
- Revamped several Java applications developed using Spring boot and added functionalities to existing applications.
- Understand complex existing codes and make changes to them while adhering to strict unit and integration testing.
- Improved communication between some microservices
- Lead a team of 4 in implementing a number application system for a client to be used by the National Communications Commission (NCC), in allocating number blocks to TELCOS
- Set up CI/CD pipelines for Microservices and integrated tools such as Gradle, Bitbucket.
- Setup SSL and ACL on Kafka servers
- Resolved several CVE related vulnerability issues such as from log4j-1.x CVEs, Spring RCE and DoS issues, e.t.c.
- Set up Bitbucket pipeline notifications on slack.

March 2021 – September 2021 Byteworks Technology Solutions Limited.

Position: Lead Software Developer

Key contributions:

- Lead a team of 6 to develop and deploy Diplomatic ID, a system solution for Ministry of Foreign affairs used to enable foreign missions and embassy apply for SIM cards and ID cards for their foreign staff who don't have NINs.
- Lead a team in developing REST Verification APIs for NIN validation, NIN verification, Fingerprint verification, Demographic verification, etc, that interfaces with NIMC SOAP APIs. This encouraged revenue automation through our system whereby the customers (e.g. MTN, Spectranet, Cyberspace) are charged for service usage and billed accordingly.
- Supported some TELCOS (MTN, Spectranet, Cyberspace) in the integration process to the REST verification APIs.
- Incorporated the 4 Disciplines of Execution in achieving the Wildly Important Goals with respect to the objectives of the company whereby the success of each goal is measured respectively and projected using a scoreboard.
- Held team cadence meeting daily and reported daily to the CEO

May 2018 – February 2021 Byteworks Technology Solutions Limited.

Position: Full Stack Software Developer

Key contributions:

- Worked with a team in developing National Identity Management Commission (NIMC) Convergent Billing System v2.0
- Co-lead a team in developing Housing Service Request system for Enugu State Housing Corporation
- Carried out daily resolutions of issues in existing systems.
- Implemented requirement updates and change request on existing systems.
- Designed and implemented key features for Estate and Homes Management application.
- Implemented Abia eTicket for Ticket Sales management for Revenue generation and accountability.
- Maintained and supported the NIN enrolment desktop software application for NIMC.
- Worked with a team in developing Enrolment Invoicing systems for NIMC Front End Partners which include MTN, Airtel, Knowledge Square etc.
- Worked with a team to develop Dental Door, a platform for managing dental appointments.
- Single handedly implemented full stack payment integrations to Remita, e-Tranzact and Interswitch.
- Worked with a team in developing National Identity Management Commission (NIMC) Convergent Billing System Version v1.0
- Designed and implemented Demand Notices reports with the BIRT Application.
- Designed wireframes and mock-ups for Karu LGA final and warning notices.
- Database migration for Abia State Internal Revenue Central System.
- Designed and developed notification system for alerting customers when their enrolment performance rating drops.

PROJECTS DEVELOPED:

- Enugu State Internal Revenue Central System - <http://irs.en.gov.ng/>
- Abia State Internal Revenue Central System - <https://abiairs.gov.ng/>
- Activities, Assets and People - <https://nlng.estateandhomes.ng/>
- NIMC Convergent Billing System - <https://nimccbs.gov.ng/>
- Dental Door - <https://dentaldoor.ng/>
- Diplomatic ID - <https://diplomaticid.foreignaffairs.gov.ng>
- Verify ID - <https://verifyid.ng>
- Premises App - <https://premisesqr.com>

ACADEMIC QUALIFICATIONS:

(With awarding institution and dates):

2012 - 2017 Enugu State University of Science & Technology, Enugu
 B.Eng. in Electrical and Electronics Engineering (**2nd Class Upper Division**)

PROFESSIONAL CERTIFICATION

Skills Edge Consulting Limited, Abuja:

Certificate in Project Management	2018
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Certificate in Health Safety and Environment, 1 & 2	2018
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REFERENCE:

References are available on request