**ADEOYE ADESINA**

1000 North 4th Street, Building 144 • Fairfield, Iowa 52557

641.819.1138 • adeoyeadesina@gmail.com

[www.linkedin.com/in/adeoyeadesina](http://www.linkedin.com/in/adeoyeadesina)

**FULL STACK JAVA DEVELOPER**

Creative Full-Stack Developer with 7 years of overall IT industry experience in developing and integrating applications, administering middleware, and developing application systems. Proven experience in improving applications and processes by ensuring optimal functionality and creating innovative solutions. Skilled in implementing technologies such as Java, HTML5, CSS3, SOAP, MS SQL, T-SQL, and XML. Implemented several systems using the latest web and middleware technologies with latest tools and web servers through complete software development lifecycle.

Java Software Development / Testing • Enterprise Application Support • Solution Integration

Database Design • Application Middleware Management • Application Architecture • Service Oriented Architecture • Microservices • Test Driven Development.

**Language:** Java, Python.

**Platforms**: Windows, Solaris (Unix). **Web:** HTML5, CSS3, SQL, JavaScript, JQuery, Ajax.
**Web Services:** SOAP, JSON, REST, JMS Queue. **Web and Application Servers:** WebLogic Server, GlassFish, Tomcat, IIS.

**Frameworks:** Spring, Hibernate, Maven, ANT.

**Databases:** Oracle, MS SQL, MySQL, TSQL, PL/SQL, MongoDB.

**Middleware**: Oracle Service Bus (OSB)

**Design Patterns: Singleton, Prototype, Observer, Session, Session Factory
SDLC:** Waterfall Model, Agile Development, Test Driven Development.

**Tools:** Oracle Service Bus Middleware, JUNIT, Microsoft Access, VisualStudioCode, Eclipse, SQL Navigator, Spring Tool Suite4.

**PROFESSIONAL EXPERIENCE**

***CAREER NOTE:*** *Completed on-campus studies and currently taking distance education courses to complete a* ***Master’s degree in Computer Science*** *(Available for full-time, W-2 employment).*

**UNION BANK NIGERIA PLC, Marina, Lagos Nigeria • 2013-2019**

Large commercial bank in Nigeria.

**Java Developer/ Solution Architect (Dec 2013- July 2019)**

Developed applications and architectures to integrate new applications to middleware and transaction posting service.

***Tasks Performed:***

* Developed an online banking application for bank customers with java, oracle database using Microservices and Spring-boot in an Agile environment.
* Developed a payment Rest web service using Microservices and Spring-boot in an Agile environment for all in house and merchant applications to connect to for the bank payment services.
* Integrated all bank applications to the core banking database by developing a microservice that connects applications to the database.
* Developed a Restful microservice for the banks USSD system processing all USSD transactions.
* Managed all the web service connectivity to other domain working with the network and security team.
* Deployed applications in WebLogic environment and integrated with Middleware environment.
* Created Service Oriented Architectures connecting applications to the middleware and other services.
* Developed Oracle Service Bus (OSB) Middleware and Posting Service environment with high availability to connecting applications.
* Administered the end-to-end transaction posting web service architecture.
* Managed all the WebLogic server’s infrastructure environment of the bank.
* Worked with the payment support team providing level 3 for payment platforms.

***Achievements:***

* Redesigned architecture and development of the Union Bank Oracle Service Bus Middleware, Transaction Posting Service and Union Bank Online Banking Solution.
* Re-Designed and Implemented a new robust 3-Tier Architecture for the Union Bank Mobile Banking Application and USSD Banking Service reducing transaction failure rate from 21% to less than 1%.
* Led design of architecture for in-house Nigerian Inter-Bank Automated Cheque Clearing and Electronic Fund Transfer System. (Cheque Clearing across all Nigerian Banks).
* Tested, deployed and supported over 30 applications (User Acceptance Testing, integrating with other applications) including the E-learning Application, Oracle BPM SOA Suite, Online Banking Application and the Mobile Banking Applications.

***Technologies Used:*** *Java, Python, SQL, Web Component, Tomcat, GlassFish, Oracle Fusion Middleware, Oracle WebLogic Server, Spring Framework, Oracle Database, MSSQL Database, Putty, Windows, Solaris, F5 Load Balancer, HTML, Tomcat, GlassFish, JBoss.*

**SYSTEM MAINTENANCE SPECIALIST, Lagos, Nigeria • Jan 2012- Oct 2013**

Web application development company.

**Web Developer**

Designed web applications in PHP, HTML, CSS, JavaScript and SQL.

***Tasks Performed:***

* Created script in PHP to integrate .NET Pager application with Covenant University application and database.
* Developed frontend application for student to register and send messages.

***Technologies Used:*** PHP, SQL, JavaScript.

**ACADEMIC PROJECTS**

**Library Management System, MIU (2019):** Designed management application as part of 3-person team. ***Technologies Used:*** *Java, JavaFX.*

*Designed a library information management system that keeps records of books and their status.*

**Telephone Company Database, MIU (2019):** Developed database for telephone company as part of 3-person team. ***Technologies Used:*** *T-SQL, SQL.*

*Designed a database for a telecommunications company to reduce the time-taken to access and retrieve data.*

**COVD-19 Tracker Application, MIU (2020):** Developed a web application that displays COVID-19 data for each country. ***Technologies Used:*** *HTML, CSS, JavaScript, jQuery, Java, Servlet, JSP.*

*Developed a web-application that connects to a web service URL using a REST webservice developed Spring Boot, get the COVID-19 data from each country and display the data in a JSP page.*

**Meditation Checking Appointment System, MIU (2020):** Developed a Restful webservice to automate the process of meditation checking appointment system.

***Technologies Used:*** *Spring, Spring Boot, Spring MVC, Spring Data, Hibernate/JPA, microservice.*

*Designed a Restful web-service to automate the process of meditation checking appointment system where students can create, update, view and cancel (CRUD Operations) their appointment reservation.*

**E-commerce Application Website, MIU (2020):** Developed a Restful webservice to create an e-commerce website. (Backend).

***Technologies Used:*** *Spring, Spring Boot, Spring MVC, Spring Data, MongoDB, Microservices.*

*Designed a Restful web-service to handle products addition to the cart and handle payment for products selected on the site.*

**EDUCATION**

**Master of Science in Computer Science**

*(In progress via distance education; expected completion April 2022)*

Maharishi International University, Fairfield, Iowa

*Key Courses: Fundamental of Programming Principles, Modern Programming Principles, Algorithm, Database Management System, Web Application Programming, Web Application Architecture, Enterprise Architecture.*

**Bachelor of Science in Computer Science**

Ajayi Crowther University, Oyo, Nigeria

**CERTIFICATIONS**

ITIL Foundation- IT Service Management

ISTQB Certified Software Tester

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