

## DAN AHIMBISIBWE

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### JAVA BACK-END DEVELOPER

Experienced Java developer with 7 years of experience focused on delivering efficient, innovative software solutions using Java, and Spring Boot. Passionate about contributing expertise to create high-quality, scalable applications that meet client needs

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Object Oriented Programming • REST • Native development • Algorithms  
Iterative development • Dependency Injection

**Languages:** Java

**Web:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, JUnit

**Web Services:** REST, Soap, Microservices, JSON, XML

**Web/App Servers:** Apache/Tomcat, IIS

**Frameworks:** Spring (MVC, Boot, Security, Data, AOP, Dependency Injection), Hibernate, Express, NodeJS, React

**Databases:** MySQL

**Design Patterns:** MVC, Singleton, Prototype, Observer, Session, Session Factory, Template

**Tools:** Eclipse, IntelliJ, VS Code, Maven, Git, Eclipse, NetBeans, Notepad, Notepad++

**Platforms:** Windows

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### 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).

#### ROKE TELKOM, Kampala, Uganda • 09/2016 – 01/2023

A telecommunication company in Uganda.

##### Software Engineer

Built and maintained enterprise applications in collaboration with vendors.

- Developed and maintained robust APIs /end points supporting crucial functions of company systems using Java frameworks Spring, Spring Web, Spring Data JPA and Hibernate.
- Designed and maintained efficient database schemas and managed data using SQL.
- Utilized XML to define new service products resulting in higher customer acquisition.
- Customized and maintained a job card / ticketing application, using Spring Web and Data JPA for back end to meet the requirements of company staff, leading to a significant increase in user satisfaction according to manager.
- Supported external vendor teams using Skype, Remote Desktop and ssh on Microsoft server to test and deploy new company applications.
- Utilized UML to gather, analyze and specify requirements for new features, and wrote software mock-ups using Spring, Spring Web, Spring Data JPA leading to a reduction in the duration of the feature development process.
- Leveraged HTML, CSS and JavaScript framework- React to implement appealing and user-friendly front-end designs that enable online purchase of service vouchers, resulting in increased sales.

**Technologies Used:** Java, Spring Boot, Hibernate, XML, Java EE, Bootstrap, MySQL, React, JSP, Servlets, TomCat

#### iWAY AFRICA, Kampala, Uganda • 06/2015 – 07/2016

Internet service provider in Uganda.

## **Software Engineer**

Built and maintained enterprise software.

- Created website layouts and user interfaces using HTML and CSS.
- Used UML to gather, analyze and specify requirements for enterprise applications.
- Managed Database schemas using MySQL to ensure data consistency.
- Used PHP to implement a web service for producing insights into the products' and teams' performances leading to an increase in staff productivity.
- Proactively conducted technical troubleshooting and performed rigorous test runs in production environments to ensure optimal performance and reliability.

**Technologies Used:** *PHP, Laravel, MySQL, HTML, CSS, JavaScript, Bootstrap, jQuery, WAMP*

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## **ACADEMIC PROJECTS**

**Maharishi international University (2023) Alumni Web Portal:** Built Restful APIs for an Alumni portal using Spring Boot, Spring Data JPA, Hibernate, MySQL

**Maharishi international University (2023) Shopping Cart project:** Developed REST APIs using JavaScript, Node JS and Express for catalog section of e-commerce system. Utilized Express, Node JS, JavaScript, HTML, CSS, Bootstrap, Git, VS Code

**Maharishi international University (2023) Library Management System:** Created a book catalogue and sequence diagrams to model the use cases using UML. Designed user interface using Java Swing to support system functionality. Utilized Java, Swing, DAO

## **EDUCATION**

### **Master of Science in Computer Science**

*(In progress via distance education; expected completion 10/2025)*

Maharishi International University, Fairfield, Iowa

**Key Courses:** *Enterprise Architecture, Algorithms, Web Applications Architecture, Web Programming*

### **Bachelor of Science in Software Engineering**

Makerere University, Kampala, Uganda (2015)