

# JOSHUA RODGERS MWAKIPESILE

Dodoma, Tanzania

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## PROFESSIONAL SUMMARY

Motivated Software Engineering student with strong interest in backend development and enterprise application design. Experienced in building RESTful APIs using Java and Spring Boot, implementing secure authentication systems with JWT, and managing relational databases using PostgreSQL. Passionate about clean architecture, scalable systems, and continuous learning. Currently expanding frontend knowledge with React.js to become a well-rounded developer. Seeking Industrial Practical Training (IPT) opportunity to apply technical skills in a real-world environment.

## EDUCATION

### Bachelor of Science in Software Engineering

University of Dodoma (UDOM)

2024 – Present

Relevant Coursework:

- Object-Oriented Programming (Java)
- Spring Boot REST API Development

## TECHNICAL SKILLS

### Programming Languages

- Java
- JavaScript
- HTML5
- CSS3

### Backend Development

- Spring Boot
- RESTful API Development
- JWT Authentication & Authorization
- PostgreSQL

## **Tools & Technologies**

- Git & GitHub
- Supabase Storage (Bucket)
- API Testing (Postman)

## **Currently Learning**

- React.js

# **PROJECTS**

## **CourseShare**

A centralized platform where academic resources are collected and organized to simplify searching and access to study materials from different learning institutions.

### **Technologies Used:**

- Spring Boot (REST APIs)
- PostgreSQL (Database)
- Supabase Storage Bucket (File Management)
- JWT Authentication (Secure Login System)

### **Key Responsibilities & Features:**

- Designed and developed RESTful backend services
- Implemented secure user authentication using JWT
- Structured relational database for efficient data management
- Integrated cloud storage for uploading and retrieving study materials
- Tested API endpoints for reliability and performance

GitHub: (To be provided)

# **CAREER OBJECTIVE**

To secure an Industrial Practical Training (IPT) position where I can apply my backend development skills, contribute to real-world software solutions, and grow professionally within a collaborative development environment.

# **ADDITIONAL INFORMATION**

- Strong problem-solving skills
- Passionate about backend systems and scalable architecture

- Committed to continuous learning and technical improvement
- Comfortable working independently and in team environments

## **REFERENCES**

Available upon request.