

JUSTUS OBISA ONYIEGO

Computer Scientist| Software Developer

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PROFILE

Highly motivated Computer Science Graduate with strong skills in software development, full-stack web applications, and system deployment. Experienced in Java (Spring Boot), React, Docker, and database systems. Passionate about building scalable, secure, and user-focused applications.

EXPERIENCE

1. Turnkey Africa Ltd Kenya, NAIROBI

□ SOFTWARE DEVELOPER | MAY 2025 – SEPTEMBER 2025

- Specialized in Building and maintaining new and existing application infrastructure
- Gained practical skills in Docker, Java application development, Oracle database management, and Data Analysis.
- Developed problem-solving abilities through real-world tech projects.

EDUCATION

1. Masinde Muliro University of Science & Technology, Kakamega

- ☐ Bachelor of Science in Computer Science | 2021 – 2025
 - Specialized in programming, algorithms, data structures, and machine learning.
 - Gained practical skills in web development, database management, and computer networks.
 - Developed problem-solving abilities through real-world tech projects.

2. Nyambaria High School, Nyamira

- ☐ Kenya Certificate of Secondary Education (KCSE) | 2017 – 2020
 - Focused on mathematics, sciences, and computing fundamentals.

PROJECTS

1. InvenStock | POS System | 2025

- Built a full-stack hybrid application for inventory and point of sale management houses using React and Springboot
- Integrated Postgress(Online Hosting) & SQLite (Local) for efficient property data management and search functionality.
- Deployed on render, achieving 98% uptime and positive user feedback. ☐
Link: <https://inven-stock-system.onrender.com>

2. SmartNotes App | Mobile Application | 2022

- Created a note-taking app with offline storage and cloud sync using Flutter and Firebase.
- Optimized performance with efficient data structures, reducing load time by 30%.
- Presented at university tech fair, receiving commendation for innovation.
- Link: [Not Hosted Yet](#)

3. Furni-Cha Web App | Mobile Application | 2025

- Created a smart furniture ecommerce web app with offline storage and cloud sync using React and Nodejs .
- Integrated NOSQL(MongoDB) for efficient property data management and search functionality.
- Optimized performance with efficient and secure data access to reduce response time .
- Link: <https://furni-cha.onrender.com>

4. Hotspot Manager App | Mobile Application | 2025

- Created a hotspot management web software that supported seamless user interaction and also faster payment options
- Optimized performance with efficient data structures, reducing load time by 30%.
- Link: <https://justus-oo.github.io/Tech>

5. NovaBox App | Mobile Application | 2023

- Developed a mobile app for streaming live content via the internet using Java and Android Studio.
- Implemented user authentication and real-time data syncing with Firebase.
- Enhanced user experience with intuitive UI/UX design.
- Presented at university tech fair, receiving commendation for innovation.
- Link: <https://github.com/Jun-Tsu/NovaBox>

SKILLS

- Programming: Python, Java(SpringBoot,ADF), C++, JavaScript, HTML/CSS,React, Node, Kotlin
- Development: Web (React, Node.js), Mobile (Android, Flutter),Desktop(Springboot,ADF)
- Databases: SQL, MongoDB, MySQL,Oracle ,Postgresql

- Tools: Git, GitHub, Visual Studio, Eclipse, Docker, IntelliJ, DBeaver, DB Browser, Toad, JDeveloper, Gerrit, Jira
- Machine Learning: TensorFlow, Scikit-learn, Basic Algorithms
- Networking: TCP/IP, HTTP, Cybersecurity Basics & Bug Bounty
- Problem-Solving: Algorithms, Data Structures, Optimization

LANGUAGES

- English: Fluent
- Swahili: Native

ACTIVITIES

- Computer Science Club, MMUST | 2021 – 2025
- Competed in coding hackathons and regional programming contests.
- Organized technical workshops on AI and web development

REFEREES

1. SOLOMON SHIYONGA ENGINEERING MANAGER (TURNKEY AFRICA)

- PHONE: 0721547770
- COMPANY LOCATION: CHALBI DRIVE - LAVINGTON

2. PR PRESTONE SIMIYU – MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

- PHONE: 0719123671
- UNIVERSITY LOCATION: 50100 - KAKAMEGA