



NUWARINDA ALBERT

COMPUTER SCIENTIST

CONTACT

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www.excellentwebsite.com

LANGUAGES

English

Luganda

Runyankore

SKILLS

Programming Languages:

Python, Java, C++, JavaScript,
Dart, SQL

Frameworks & Tools: Spring
Boot, Django, Flask, Flutter,
PyTorch, OpenCV, Firebase

Databases: MySQL,

PROFILE

Motivated and detail-oriented **Computer Science student at Makerere University (Year 3)** with hands-on experience in software development and system design. Skilled in modern technologies including **Java, Python, Django, Spring Boot, Hibernate, Flutter, and MySQL**. Strong problem-solver, effective communicator, and collaborative team player. Recently completed an internship at **Pahappa Ltd**, gaining industry experience in **enterprise systems development**. Seeking an internship opportunity to further develop technical expertise and contribute to innovative projects.

EDUCATION HISTORY

Bachelor of Science in Computer Science
Makerere University | Aug 2023 – Jun 2027

Uganda Advanced Certificate of Education (UACE)
Gombe Secondary School | Jan 2020 – Sep 2022

Uganda Certificate of Education (UCE)
Wits College Namulanda | 2016 – 2019

PostgreSQL, SQLite

Other Skills: Git/GitHub, Agile Development, Problem-Solving, Presentation & Communication

HOBBIES AND INTERESTS

- Programming
- Singing
- Swimming

PROJECTS

- **E-commerce Website Prototype**
Built a functional e-commerce prototype with authentication, product catalog, and shopping cart.
Tech: HTML, CSS, JavaScript, Django
- **Coffee Bean Quality Estimation Using AI**
Developed a machine learning model using Vision Transformers and CNNs for coffee bean classification. Applied knowledge distillation and sparse learning.
Tech: Python, PyTorch, OpenCV
- **Library Management System**
Designed and implemented a database-driven system for managing books and student records.
Tech: MySQL
- **Glamazon Application**
Developed an Android app for salon booking and management with role-based access for customers and salon owners.
Tech: Flutter, Firebase
- **Pahappa Goals Bucket (PGB) System (Internship Project)**
Contributed to a KPI tracking system enabling goal setting, performance reviews, and dashboards for employees and executives.
Tech: Java, Spring Boot, Hibernate, JSF (PrimeFaces), MySQL
- **Medical Records & Billing Module – MedCare HMS (Internship Project)**
Extended a hospital management system with features for medical records, billing, file attachments, and pagination.
Tech: Java, JSF, Hibernate, MySQL, JSF (PrimeFaces)
- **Medical Records & Billing Module – MedCare HMS**
Reimplemented the hospital management system with features for medical records, billing, file attachments, and pagination.
Tech: Python, Django, HTML, Bootstrap CSS, CSS, JavaScript
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WORK EXPERIENCE

Software Development Intern

Pahappa Ltd | Jun 2025 – Aug 2025

- Developed **MedCare**, an admin bootstrap Hospital Management System during internship.
- Contributed to the development of the **Pahappa Goals Bucket (PGB) System**, a KPI tracking and performance management platform during a small extension after internship.
- Worked with **Java, Spring Boot, Hibernate, JSF (PrimeFaces), and MySQL** in a full-stack environment.
- Implemented features such as **authentication, role-based access, dashboards, and performance reviews**.
- Collaborated with senior developers and project managers in an Agile workflow, using GitHub for version control.
- Gained practical experience in **enterprise system development, testing, and deployment**.