

BALIDDAWA ALLAN – MASTER RESUME

CONTACT INFORMATION

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Portfolio: <https://my-portfolio-flame-tau-63.vercel.app/>

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Location: Kampala, Uganda

PROFESSIONAL SUMMARY

Version 1 – Software Developer Focus

Innovative and detail-oriented software developer passionate about building modern, responsive, and efficient full-stack applications. Experienced in React, Next.js, Node.js, Spring Boot, and MySQL, with a strong foundation in Computer Science. Demonstrated success delivering projects in web development, data management, and open-source collaboration. Adept at problem-solving, teamwork, and continuous learning, with a commitment to creating impactful software solutions.

EDUCATION

University of the People (UoPeople) – Pasadena, California (Online)

Associates Degree in Computer Science — Expected Graduation: January 2026

Relevant Coursework: Web Development, Java Programming, Data Structures, Database Management, and Software Engineering

Global Institute of Information Technology and Business – Kampala, Uganda

Diploma in Medical Records and Health Informatics — 2016–2022

Comprehensive College Kitetika – UACE Certificate — 2011–2012

Wampeewo Ntakke SS – UCE Certificate — 2007–2010

Seers Primary School – PLE Certificate — 2001–2006

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, HTML, CSS

Frontend Frameworks: React.js, Next.js, Vite, Tailwind CSS

Backend Frameworks: Spring Boot, Express.js, Node.js

Databases: MySQL, MongoDB, Prisma ORM, Mongoose

APIs: RESTful APIs, Axios, JWT Authentication

Tools & Platforms: Git, GitHub, Vercel, Netlify, Postman, Maven, npm

Version Control: Git & GitHub (collaboration, branching, pull requests)

Soft Skills: Communication, Teamwork, Leadership, Adaptability, Teaching

PROJECTS

1. Allanova Social App (In Progress)

Tech Stack: React.js, Tailwind CSS, Vite, Context API, Express.js, MongoDB, JWT

- Developed a full-stack social media application with authentication and real-time interaction features.
- Designed the frontend with React.js and Tailwind CSS, ensuring mobile responsiveness.
- Implemented RESTful API endpoints in Express.js with secure JWT-based user authentication.
- Integrated MongoDB using Mongoose for efficient data storage and retrieval.
- Coordinated GitHub version control and maintained modular, scalable code architecture.

Impact: Improved collaboration workflow, deployed full MERN stack setup ready for production.

2. Student Management System (In Progress)

Tech Stack: Java 17, Spring Boot, Spring Data JPA, MySQL, React, Tailwind CSS, Vite

- Designed a secure web-based platform to manage student registration, login, and record management.
- Built REST APIs using Spring Boot for CRUD operations and user authentication.
- Developed React frontend with dashboard and data visualization.
- Emphasized modularity, scalability, and database normalization for performance optimization.

Impact: Enhanced administrative efficiency for student record management.

3. Iona Institute of Technology Website

Tech Stack: React.js, Vite, Tailwind CSS, Lucide React, ESLint

- Built a modern, responsive institutional website featuring smooth navigation and optimized performance.
- Implemented component-based architecture for reusability and maintainability.
- Integrated smooth scrolling, clean UI, and accessibility features.

Impact: Strengthened the institution's online presence and improved user engagement.

4. Acculate Construction Company Website

Tech Stack: Next.js, Prisma ORM, Tailwind CSS, NextAuth, TypeScript, Nodemailer, Socket.io

- Developed a responsive corporate website showcasing services in terrazzo, granite, and tiles.
- Implemented authentication, contact forms, and real-time communication using Socket.io.
- Managed database integration and email automation for client communication.

Impact: Improved company brand visibility and client interaction through a professional web platform.

5. Seventh-day Adventist Church Kanyanya Website

Tech Stack: Next.js, Tailwind CSS

- Created a dynamic church website with sections for ministries, worship times, sermons, and events.
- Focused on accessibility, responsive layout, and community engagement.

Impact: Enhanced online communication and accessibility for members and visitors.

6. React To-Do List App

Tech Stack: React, Vite, Tailwind CSS, TypeScript

- Designed and implemented a CRUD-based task management app with local storage persistence.
- Added features such as edit, delete, and mark-complete functionalities.
- Optimized UI/UX for mobile and desktop using responsive design principles.

Impact: Helped users efficiently track and manage daily tasks.

7. Weather App

Tech Stack: React, OpenWeatherMap API, Axios, Tailwind CSS

- Integrated third-party API to fetch and display current and forecast weather data.
- Implemented features like unit toggling, loading indicators, and error handling.

Impact: Provided real-time, interactive weather information in a clean interface.

8. Recipe Finder App

Tech Stack: React, Axios, CSS Modules

- Built a simple and user-friendly recipe search app using an external food API.
 - Displayed ingredients, steps, and images dynamically fetched via API.
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9. Simple Calculator

Tech Stack: React, TypeScript, Tailwind CSS

- Implemented arithmetic operations using React functional components and state hooks.
 - Showcased clean UI and efficient event handling logic for user interaction.
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10. OpenELIS Global (Open Source Contribution)

- Collaborated with an international open-source team to contribute to healthcare software solutions.
- Participated in debugging, issue resolution, and improving front-end interface consistency.

Impact: Enhanced code quality and performance of a global health project.

WORK EXPERIENCE

MildMay Uganda DREAMS Project (Luweero) — *Sub-County Coordinator (Zirobwe)*

2020 – 2022

- Implemented DREAMS project activities through data collection and entry.
- Empowered adolescent girls and young women (AGYW) to become Determined, Resilient, Aids-free, Mentored, and Safe.

- Collaborated with community leaders to ensure program success and outreach effectiveness.

Uganda Cares — Trainee Medical Records Officer

2017

- Managed medical records databases and assisted in data organization and reporting.
 - Gained experience in information management and health data systems.
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CERTIFICATIONS & TRAININGS

- Driving Permit – Class B (J & K Driving School, Makerere Kavule) – 2019
 - Open Source Contributor – *OpenELIS Global*
 - Ongoing: *Full-Stack Development Practice Projects (React, Node.js, Java, Spring Boot)*
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LEADERSHIP & VOLUNTEERING

- Sub-county Coordinator, MildMay DREAMS project – led community initiatives impacting AGYW empowerment.
 - Active church volunteer at Seventh-day Adventist Church Kanyanya – supporting media and web ministry projects.
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LANGUAGES

- **Luganda:** Native
 - **English:** Fluent (Reading, Writing, Speaking)
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HOBBIES

- Football, Swimming, Adventure, and Technology Research
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REFERENCES

- **Pastor Kisaakye Ssali Emmanuel** – Pastor, Kampala Central Church – 0772400023
- **Ssuuna Emanuel** – Chief Accountant, Maganjo Grain Millers – 0775883074

- **Dr. Jackson Mwakali** – Engineer & Lecturer, Makerere University – 0772420502