

CURRICULUM VITAE'

BERYL KHALISIA NAMBWA

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PROFESSIONAL SUMMARY

A highly motivated and detail-oriented Computer Science undergraduate with a strong foundation in application development principles and programming. Passionate about leveraging technology to solve complex problems and contribute to the goals of an innovative organization. Eager to apply academic knowledge in data analysis, systems support and software development in a practical setting.

ACADEMIC AND PROFESSIONAL QUALIFICATIONS.

- **Kabarak University** | 2022 – Present (Expected Graduation: 2026)
 - Bachelor of Science in Computer Science
 - Relevant Coursework: Data structures and Algorithms, Database Management Systems, Web Development, Software Engineering, Networking Systems.
- **Power Learn Project Academy** | May 2024 – August 2024
 - Relevant Coursework: Database Development, Python Development, Web Development
- **St. Brigid's Girls' High School** | 2018 – 2022
 - Kenya Certificate of Secondary Education (KCSE), Grade: B+

SKILLS AND COMPETENCIES

- **Programming Languages:** Python, Java, C, C++, JavaScript, HTML/CSS, SQL, PHP
- **Databases:** MySQL, OracleDB, PostgreSQL, MongoDB
- **Tools & Technologies:** Git, Linux/Unix/ Visual Studio Code
- **Areas of Knowledge:** Data Analysis, System Administration, Software Development Lifecycle, Cybersecurity Fundamentals

PROJECTS

- **Gender-Based Violence Intervention and Prevention System** | Bachelor of Science in Computer Science | Year 3 Semester 2
Developed a system to help curb Gender-Based Violence
Contributions: Developed the backend using Python Flask and the Database using MongoDB, Assisted in the development of the UI with JavaScript for interactivity.
Technologies used: HTML, CSS, JavaScript, Python Flask, MongoDB.
- **Telemedicine System** | Bachelor of Science in Computer Science | Year 2 – Year 4
Developed a health web application to increase healthcare accessibility
Contributions: Developed the entire system.
Technologies used: React.js, Python Django, PostgreSQL.

- **Find A Donor** | Bachelor of Science in Computer Science | Year 4 Semester 1
Developed a system to help in compatible kidney donation.
Contributions: Helped in designing and developing the user interface of the doctors with React.js
Technologies used: React framework with JavaScript.
- **Bulk SMS App** | Bachelor of Science in Computer Science | Year 4 Semester 1
Developed an app to assist business owners send bulk SMSs with PHP
Contributions: Developed and designed the user interface with HTML and CSS.
Technologies used: HTML, CSS, JavaScript, PHP, Docker.

REFEREES

1. **Dr. Chrispus Alukwe Akhonya**
Computer Science Lecturer,
Kabarak University
0780 474 923
2. **Ms. Winniper Orangi Morangi**
Highschool Teacher,
St. Brigid's Girls' High School
0705 983 847