Bonface Matoke

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PROFILE

A highly motivated and detail-oriented final-year Applied Computer Science student at Chuka University with a strong foundation in software development, networking, and database management. Passionate about problem-solving, web development, and software engineering. Eager to apply academic knowledge to real-world projects and contribute to innovative technology solutions.

EDUCATION

Chuka University
Bachelor of Science in Applied Computer Science
Expected Graduation: [November, 2025]

Relevant coursework: Software Engineering, Database Management Systems, Computer Networks, Artificial Intelligence, Web Development, Data Mining.

TECHNICAL SKILLS

i. **Programming Languages:** Python, JavaScript, PHP, Java

ii. **Web Development:** HTML, CSS

iii. **Database Management:** MySQL, PostgreSQL

iv. **Software Development:** Object-Oriented Programming

v. **Networking & Security:** LAN Configuration, Network troubleshooting, CCTV installation

vi. **Operating Systems:** Windows

PROJECTS

Simple University Management System

- Designed a system for managing student records, course registration, library management.

- Implemented a user authentication system with role-based access for students and administrators.
- Integrated a MySQL database for data storage and retrieval.

Hospital Website

- Developed a responsive website for a hospital, featuring appointment booking and patient records management.
- Used HTML, CSS, and JavaScript for frontend development.
- Integrated a contact form with email notifications.

ATM Machine User Interface

- Designed a user-friendly ATM interface using JAVA.
- Simulated deposit, withdrawal, and balance inquiry functions.

An Electronic Marketplace

- Built an e-commerce platform that allows vendors to list products and customers to make purchases.
- Implemented a shopping cart system and secure payment gateway integration.
- Designed an intuitive UI for a seamless shopping experience.

INTERNSHIP & WORK EXPERIENCE

Kisii National Polytechnic – IT Attachment (May – August 2024)

- Assisted in network troubleshooting and system maintenance.
- Provided IT support to students and staff.
- Performed software and hardware maintenance, ensuring optimal system functionality.

CERTIFICATIONS & TRAINING

- **Fundamental Cybersecurity** – IBM SkillsBuild
- **Artificial Intelligence** – IBM

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **Chairman, Heroes Club** – Organized coding hackathons and tech workshops.

- **Member, CharryArt Graphic Designers** – Engaged in digital design and creative projects.

- **Volunteer, Open-Source Projects** – Contributed to GitHub repositories.

SOFT SKILLS

- Problem-solving

- Team collaboration

- Critical thinking

- Time management

- Communication skills

LANGUAGES

- English (Fluent)

- Swahili (Fluent)