

Bonface Mwongera

Computer Science Student | Web Developer

 Egerton, Kenya

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PROFESSIONAL SUMMARY

Passionate Computer Science student with practical experience in full-stack web development and a keen interest in cybersecurity. Demonstrated ability to build functional, responsive web applications using modern technologies. Seeking a software development attachment to contribute to real-world projects while enhancing my technical skills in a professional environment.

TECHNICAL SKILLS

Programming Languages

Python, JavaScript, PHP, SQL, HTML5, CSS3

Web Development

React (Basic), Node.js (Basic), REST APIs, Responsive Design, Cross-Browser Compatibility

Databases & Tools

MySQL, Database Design & Administration, Git, GitHub, VS Code, XAMPP/WAMP

Areas of Interest

Web Application Security, Ethical Hacking Fundamentals, Open Source Development, System Architecture

TECHNICAL PROJECTS

E-commerce Website

PHP | MySQL | HTML | CSS | JavaScript

- Developed a fully functional e-commerce platform with product catalog, shopping cart, user authentication, and order management system
- Implemented secure backend processing using PHP and MySQL, handling user data protection and transaction integrity
- Designed responsive user interface with mobile-first approach, ensuring optimal experience across all devices
- Integrated session management and form validation to enhance security and user experience

 [Live Demo](#)  [GitHub Repository](#)

BonnieInfratech Company Website

HTML5 | CSS3 | JavaScript

- Built a responsive, multi-page corporate website for an IT infrastructure company to enhance their online presence
- Implemented modern CSS techniques including Flexbox and Grid for layout, with animations and transitions for improved UX
- Utilized vanilla JavaScript for interactive features such as navigation menus, form validation, and dynamic content
- Optimized website performance through image compression and efficient code structure

 [View on GitHub](#)

EDUCATION

Bachelor of Science in Computer Science

Egerton University | Expected Graduation: 2026

Relevant Coursework: Data Structures & Algorithms, Database Systems, Computer Networks, Web Technologies, Software Engineering, Object-Oriented Programming, System Analysis & Design

Academic Projects:

- Database design and implementation for library management system
- Network configuration and security simulation projects
- Algorithm analysis and optimization assignments

CERTIFICATIONS & ACHIEVEMENTS

- **Web Development Fundamentals** – Self-paced learning completion (2023)
- **Database Design** – Academic coursework with distinction
- **Git Version Control** – Practical project implementation

PROFESSIONAL INTERESTS

Development Focus

Full-Stack Web Development, API Integration,
Responsive UI/UX Design

Security Interests

Application Security, Ethical Hacking Principles, Secure
Coding Practices

Learning Goals

Advanced JavaScript Frameworks, Cloud Computing,
DevOps Practices

References and academic transcripts available upon request

CV Last Updated: December 28, 2025