

HILLARY CHEGE MUGO

SOFTWARE ENGINEER

CONTACT

- 📞 +254 701 360 714
- 📍 Nairobi, Kenya
- ✉️ hillarychege@techie.com
- 🌐 www.hillarychege.co.ke

EDUCATION

BSc Honors in Software Development

KCA University- Kenya - 2021 to Dec 2025

Diploma in Ethical Hacking

Alison Academy - April 2021 to May 2022

SKILLS

- **Frontend:** HTML, CSS, JavaScript, React js, vuejs, next js, nuxt js.
- **Backend:** PHP, Laravel, Nodejs, Typescript, C, C++, Java, Python
- **Database:** Mongo DB, MySQL
- Cyber threat detection and analysis, Ethical hacking and penetration testing
- Business Process Automation and SEO

CERTIFICATION

- ✓ Google and Microsoft- Dev Town Bootcamp & Let's Upgrade Bootcamp Web Developer
- ✓ Certifications- Dev Town Bootcamp & Let's Upgrade Bootcamp Cisco Certified
- ✓ Cisco Certified Network Associate (CCNA)- May 2023 to July 2023

ABOUT ME

I am a passionate and detail-oriented Software Engineer with strong expertise in full-stack web application development, database management, and system optimization. I specialize in building scalable, secure, and user-friendly digital solutions that improve efficiency and enhance user experience. Driven by innovation and continuous learning, I enjoy transforming complex requirements into functional, high-performing software solutions. I thrive in collaborative environments where I can contribute to impactful projects, streamline workflows, and drive digital transformation within organizations.

WORK EXPERIENCE

FREELANCE EXPERIENCE

Software Engineering

Design and developed custom software applications tailored to different client specifications, ensuring functionality, performance, and user-friendliness. In addition, I actively work on personal side projects to sharpen my skills, stay and updated with industry trends, and explore new technologies.

SOFTWARE DEVELOPER

Zetech University Feb 2025 - Apr 2025 (contract)

Built a responsive booking and inventory system portal for Zetech University's School of Media, enabling equipment reservations, tracking returns, managing fines, and generating real-time availability and reporting features.

WEB DEVELOPER

KCA University Sacco - Sept 2024 - April 2025 (contract)

As a web developer at KCAU Sacco, I lead the development of sacco's website, showing my expertise in software engineering. From coding to design I craft the sacco's website and act as the web development consultant.

SOFTWARE ENGINEER

Cosmetrix LTD- Nairobi Kenya March 2023 to July 2023 (apprenticeship)

As a web developer at KCAU Sacco, I lead the development of sacco's website, showing my expertise in software engineering. From coding to design I craft the sacco's website and act as the web development consultant.

REFERENCES

FREELANCE PROJECTS ACCOMPLISHED

Side Projects during my freelancing journey

Mr.Nathan

Automation lead Developer

Email : nathan.muturi@zetech.ac.ke

Mr.Mbuki

Senior Business Intelligence Analyst

Phone: +254 725 642 247

Email : jmbuki@kcau.ac.ke



Hostel Management system



Gym management system



Dental Clinic Management System



Car wash Management system



Employee management system

TO WHOM IT MAY CONCERN,

I am writing to express my interest in software engineering opportunities within your organization. I am a dedicated and results-driven software engineer with a strong focus on developing efficient, scalable, and user-centered web applications. My expertise spans full-stack development, database design, and system optimization, allowing me to build end-to-end solutions that address real-world business challenges.

Over the course of my career, I have worked on diverse projects involving web application development, automation systems, and backend integrations, all aimed at improving performance, security, and usability. I take pride in writing clean, maintainable code and leveraging modern technologies to deliver reliable, high-quality software solutions.

I am passionate about continuous learning, collaboration, and problem-solving qualities that I believe align well with your organization's commitment to innovation and excellence. I am confident that my technical expertise, analytical mindset, and dedication to delivering impactful results would make me a valuable addition to your engineering team.

Thank you for considering my application. I look forward to the opportunity to contribute my skills and experience to your organization.

SINCERELY,

A handwritten signature in black ink that reads "Hillary Chege".

Software Engineer