

CHARLES OMONDI

Software Developer | Cyber Security Enthusiast | UI/UX Designer

University of Eldoret, Bsc. Computer Science

Email: charlesomondi232@gmail.com | okalc9939@gmail.com

Phone: +254 719501832 | +254 721533429

Address: 1- 40300, Kisumu – Kenya

Career Objective

Adaptable and enthusiastic Software Engineer, Bsc in Computer Science at the University of Eldoret. Eager to utilize skills in software development, UI/UX design, and ICT support to drive organizational growth. Led UI/UX initiatives on campus as the Google Developers Group Lead. Passionate about learning, innovation, and solving real-world challenges through technology and as a Certified Ethical Hacker and Networking Basics Cisco always ensures safety in the cycle of software development and enhances robust system security.

Education and Professional Background

Bachelor of Science in Computer Science

University of Eldoret (UOE)

Skills Acquired:

Database Administration, Graphic Design, UI/UX, Web Development (HTML, CSS, JavaScript), Software Engineering, Linux Administration, Git, and Artificial Intelligence applications.

Kenya Certificate of Secondary Education (KCSE)

Oriwo Boys' High School, 2020 Grade Attained : 71 B+

Kenya Certificate of Primary Education (KCPE)

Siany Primary School, 2016 Grade Attained : 300 B plain

Technical Skills

Programming Languages: C, C#, Python, C++, CSS, JavaScript, PHP, SQL, Kotlin, Wordpress

Frameworks & Libraries: Flutter (Intermediate, Firebase integration experience)

Design Tools: Figma, Adobe XD for UI/UX prototyping and wireframing, Packettracer

Databases: SQL, Firebase

Version Control: Git (GitHub expertise)

Languages: Proficient in English and Kiswahili

CEH: Certified Ethical Hacking SKills

Networking Basics Cisco: Certified networking Basic Skills

Professional Experience

ICT Officer Intern

St. Joseph's Technical Training Institute for the Deaf, Nyang'oma

March 3rd 2025 - Present

General duties;

Maintenance of management information systems and services to Departments/Divisions/Units; maintenance of a computerized information database; design and maintain data protection system; implementing SJTTID ICT policy; planning implementing, monitoring and evaluating ICT Projects and Programmes; ensure availability of ICT services and advising on standards for application; coordination of user support to the departments; development and maintenance of a robust secure and scalable ICT infrastructure; installation and support servers in the LAN environment, including installation and deployment of relevant hardware and software; provision of information services through various formats including formal and technological; and coordination of ICT capacity development of staff.

Specific roles;

Maintaining support systems and training of users,
System Administrator roles, Website maintenance roles, Database Administration roles and Security Manager roles.
Maintaining of Information Communication Technology equipment and associated peripherals,
Maintaining data protection system,
Installing and supporting servers,

Installing and deployment of relevant hardware and software,
Performing technical, systems and user documentation.
Providing user support and training users.
Any other duties assigned.

Graphic Designer UI/UX (Volunteer)

Cloud Native Computing Foundation (CNCf) – Nairobi Community Volunteer

Role: Community Volunteer – January – July.

Key Contributions:

Assist in organizing CNCf Nairobi meetups, workshops, and events to promote cloud-native technologies.

Support technical sessions on Kubernetes, containerization, and cloud-native best practices.

Engage with community members by providing guidance on cloud-native learning resources and tools.

Collaborated with tech professionals to enhance the community's knowledge of CNCf projects.

Designing posters for coming events and making the presentation slides.

Junior Penetration Tester

Protego Security Solutions
2024-2025 - Remote

Key Responsibilities:

Conduct penetration testing and vulnerability assessments to identify weaknesses in network, systems, and applications.

Analyze and evaluate security risks and provide recommendations for remediation.

Develop and maintain reports detailing findings, risks, and recommendations.

Collaborate with IT and security teams to implement solutions and enhance cybersecurity defenses.

Stay up to date with the latest cybersecurity trends, tools, and best practices.

System Administrator (Attachment)

St. Joseph's Technical Training Institute for the Deaf, Nyang'oma
May - August 2024

Key Responsibilities:

Installed and configured computer hardware, software, LAN systems, printers, and scanners.
Conducted routine maintenance and repairs, including replacement of damaged peripherals.

Provided first-line support and troubleshooting for staff and students.

Contributed to developing the institution's ICT policy and ensured compliance with system security protocols.

Managed information security, communication lines, and equipment security.

Achievements:

Revived non-functional desktops by replacing hardware (RAM and hard drives) and installing new operating systems, ensuring all desktops in the institution were functional.

Expanded internet accessibility to remote areas of the campus, including the hostel, by installing IP isolation devices for secure access.

ICT Officer (Part-Time) // System Administrator.

Blessed Bread Company, Eldoret

April 2023 - May 2024

Key Responsibilities:

Performed scheduled maintenance, system security checks, and email services management.

System Administration

Provided IT support and installation of electronic devices with necessary software.

Supported sales management and computation.

Achievements:

Designed the company logo using graphic design skills, which is still in use.

Created and managed the company's email system, ensuring security and accessibility.

Leadership & Extracurricular Activities

Google Developers Group Lead – UI/UX

University of Eldoret - August 2024/2025 - Present

Organized workshops, hackathons, and training sessions to build UI/UX skills among students, attracting over 50 attendees per event.

Event Management: Planned monthly workshops covering topics like wireframing, prototyping, and user research.

Community Engagement: Mentored peers in design and development, fostering a collaborative environment for skills exchange.

Content Creation: Designed promotional materials using Figma and Adobe XD, supporting campus events and student businesses.

Industry Collaboration: Coordinated guest speakers to provide insights into tech industry trends and UI/UX practices.

WorldSkills Kenya Competition 2024 – Mobile Application Development

Awarded Bronze Medal and a Certificate of Participation for mobile app development.

University of Eldoret Innovations Fair (October 2024)

Participated in the 16th annual fair, receiving a certificate of recognition for contributions to tech and software projects.

Projects

Mobile Applications Developer

Developed and deployed mobile applications using Flutter with Firebase backend integration. Created user-centered designs with Figma and Adobe XD, enabling efficient user interaction and cohesive design for cross-platform apps.

Penetration Testing at Protego Security Solutions

Successfully identified and reported critical vulnerabilities.
Successfully collaborated with development teams to remediate vulnerabilities.

Digital hub Establishment at St. Joseph's Technical Training Institute

This is an achievement have managed to do a proposal to the principal and have been approved for implementation and currently in motion and there are quite a number of services offered in the hub which: Digital Skills training entails ICT literacy, coding & programming, graphic designs, digital marketing and many more, Innovation and Entrepreneurship Support, Community learning opportunities (for women, youth and local groups), Internet-enabled workspaces and assistive technologies.

Certifications

Bronze Medal, Mobile Application Development WorldSkills Kenya, August 2024

Certificate of Participation University of Eldoret Innovations Fair, October 2024

Networking Basics (Cisco) – Certified and Verified: 7th January 2025

Certified Ethical Hacker (CEH) – Certified and Verified: 3rd January 2025

Hobbies & Interests

Programming

As an enthusiast individual, I am really dedicated and also have made programming a hobby for me as it is inline with my professional skills.

Learning new skills

I like to learn new skills since technology is a fast moving trend, in order to keep myself always better I do alot of learning in the related field.

Swimming

On the weekends I do some recreation for my health benefits when I also get to talk to my peers over the status of the projects we are handling.

Hiking

Keeping a sound mind indeed requires a lot and the mind is always attracted to new things so I always take some walk to acknowledge nature and appreciate the same.

E-Gaming

Internet gaming advances my skills of gamification when programming as a developer. It creates a lot of refreshments when I take a break from coding.

Solving puzzles

To improve logic and critical thinking skills I do solve puzzles challenges.

References

Mr. Maurice Ouma Okal
Chief Principal,
Mirogi Boys' High School
Tel: +254 722232829

Mr. Reagan Omondi
Human Resource Manager (HR)
St. Joseph's Technical Training Institute
Tel: +254 718883410

Dr. Jean Claude
University Lecturer, University of Eldoret
Tel: +254 728292096
Email: zijeclau@yahoo.com