VICTOR KOECH

Python | JavaScript | Blockchain & FinTech Developer | Cybersecurity Exp...

PERSONAL DETAILS

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Date of birth: January 23, 2004
Place of birth: Eldoret
Gender: Male
Nationality: Kenyan
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utm_content=profile&utm_medium=android_app

PROFILE

- Dynamic IT Specialist with a robust foundation in computer science and a passion for technology. Proven track record in web development and cybersecurity, combining technical skills with hands-on experience to deliver effective solutions. Adept at collaborating with teams to enhance operational efficiency and drive innovation in IT projects.

- Self-motivated entrepreneur with a strong background in product sales and customer relations. Demonstrated ability to identify market trends and customer needs, leading to successful business outcomes. Committed to leveraging a diverse skill set to create value and optimize sales strategies for continued growth.

- Results-driven IT professional with extensive experience in identifying system vulnerabilities and implementing robust security measures. Passionate about developing innovative technological solutions that not only meet organizational needs but also enhance user experiences. Proven ability to adapt to new challenges and to utilize analytical skills to troubleshoot and resolve technical issues efficiently.

EDUCATION

Computer Science   May 2023 - Present
United States International University, Nairobi

- Explored web development technologies, including HTML, CSS, and JavaScript, gaining the skills to create dynamic and responsive websites.
- Explored the fundamentals of cybersecurity, learning to identify vulnerabilities and implement measures to protect systems from attacks and unauthorized access.
- Gained expertise in software testing and quality assurance methodologies, learning to identify and resolve software defects, and ensuring high-quality code.
- Gained knowledge in mobile application development, focusing on creating scalable and efficient applications for iOS and Android platforms.
- Studied data structures and algorithms, learning how to optimize code performance and manage data efficiently through various methods such as arrays, linked lists, trees, and graph algorithms.
- Acquired proficiency in database management systems, focusing on SQL and NoSQL databases, understanding how to design, query, and maintain data effectively.
- Learned about software engineering practices, including the software development lifecycle, project management methodologies, and agile development techniques.
- Explored principles of artificial intelligence and machine learning, gaining insights into algorithms for pattern recognition, data analysis, and predictive modeling.

EMPLOYMENT

IT Specialist   Dec 2023
Open Source Projects, Kenya

Self Employed   Oct 2024 - Feb 2025
Cisco Networking Academy
sales of products.

UI programmer   Jan 2025 - Present
freeCodeCamp, Eldoret

- Developed and implemented user interface components using HTML, CSS, and JavaScript to create dynamic web applications.
- Collaborated with UX designers to refine user experience and ensure seamless interaction between users and applications.
- Conducted thorough testing and debugging of UI code to ensure high-quality performance and responsiveness across devices and browsers.
- Optimized web applications for maximum speed and scalability, improving overall user engagement and satisfaction.
- Engaged in continuous learning and professional development to stay updated with emerging trends in UI development and technology.
- Utilized version control systems such as Git to manage project code and facilitate collaboration with other developers.

SKILLS

JavaScript   Software Development

Front-End Development   Web Design

Computer Technology   Responsive Web Design

Cybersecurity   Ethical Hacking

B2C

HOBBIES

■ Coding   ■ Web development

■ Gaming

COURSES

ICT   Present
- Developed dynamic websites using HTML, CSS, and JavaScript as part of a comprehensive web development curriculum.
- Identified and mitigated security vulnerabilities through practical cybersecurity training.
- Implemented software testing and quality assurance protocols to ensure high-quality code and functionality.
- Created scalable mobile applications for both iOS and Android platforms, focusing on user experience and performance.
- Gained proficiency in web accessibility standards, ensuring that websites are usable by individuals with various disabilities.

CERTIFICATES

JavaScript Algorithms and Data Structures   Mar 2025

Certified Ethical Hacker (CEH)   Feb 2025

Responsive Web Design   Jan 2025

Endpoint Security   Jan 2025
- Certified Endpoint Security Technician
- Advanced Threat Protection and Incident Response
- Cybersecurity Fundamentals for Endpoint Security

Critical Infrastructure   Jan 2025