

Amba Brian Okoth

Full-Stack Developer

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OBJECTIVES

Results-driven Full-Stack Developer with a passion for crafting exceptional web applications & cutting-edge engineering solutions with a wide range of e-commerce applications & technology skills. Seeking to leverage broad development experience and hands-on technical expertise in a challenging role as a Full Stack Developer. A descend experience in designing and developing user interfaces, testing, debugging, and training staff within Ecommerce technologies. Proven ability in optimizing web functionalities that improve data retrieval and workflow efficiencies as well as large system architecture development, administration, and network design & configuration.

WORK EXPERIENCE

Label Converters - Front-End Developer UI/UX

January 2023-August 2023

Nairobi, Kenya

- Successfully worked closely with software development team to determine problems, testing methods, and best practices.
- Developed full-stack applications across various platforms using latest industry-adopted technologies and frameworks.
- Gained hands-on expertise in Bootstrap, Foundation, Express, and similar back-end Node.js as well as front-end presentation frameworks and web application frameworks.
- Reviewed code and conducted testing for three additional features on donor-facing web app to increase contributions.
- Produced detailed design documentation report, unit test plans, and documented code for the company.
- Managed system and network procurement, installation, administration, and security
- Developed and used computing environments for analysis.

Portfolio Inc. – Full-Stack Developer & Software Tester

August 2020 - Date

Hybrid-Nairobi, Kenya

- Developed dynamic and interactive website that ensured high traffic, page views, and user experience, resulting in 40% increase in sales revenue
- Conducted unit and load testing for high profile customer-facing applications, which reduced system failure by 70%.
- Designed custom test automation frameworks using Java to enable faster feedback for developers.
- Created detailed test reports with actionable feedback, reducing post-release defects by 8%.
- Worked with product managers to re-architect a multi-page web app into a single page web-app to boost efficiency.
- Implemented security measures to protect software from vulnerabilities and attacks.
- Managing project timelines, tasks, and priorities to ensure timely delivery.
- Trained over five staff members in internal web functions, including steps on how to independently make minor updates and changes.

- Tested web applications, identifying bottlenecks and optimizing code to improve processing speed.

Safaricom- Kenya - IT Support Technician

December 2022-April 2023

Nairobi, Kenya

- Successfully assisted in Implementing Huawei, Azure DevOps and Azure Storage Cloud Computing that increased infrastructure efficiency by 10%.
- Automated 8 routine IT tasks using selenium to free 12hours of staff time on average per day.
- Contacted customers with scheduled maintenance updates, reducing incoming calls by 65% on average.
- Resolved over twenty instances of software license non-compliance, saving the company a potential fines and penalties.

EDUCATION

MASENO UNIVERSITY-Bachelor of Science in Mathematics & Computer Science

August 2018 - Dec 2022

Kisumu, Kenya

Relevant Coursework

- Data Structures & Algorithms
- Software Engineering & Computer Network
- Machine Learning & Web Development e.g. HTML, CSS & JavaScript
- Object-Oriented Programming, Python, C++
- Software Engineering & Computer Network
- Advanced Database System
- Calculus & Linear Algebra

CISCO Networking Academy- CISCO Certified Network Associate (CCNA)

August 2018 - Dec 2022

United Kingdom

Relevant Coursework

- Data Structures & Algorithms
- Software Engineering & Computer Network
- Machine Learning & Web Development e.g. HTML, CSS & JavaScript
- Object-Oriented Programming, Python, C++
- Software Engineering & Computer Network
- Advanced Database System
- Calculus & Linear Algebra

PYTHON INSTITUTE - Python Programming Language

August 2018 - Dec 2022

United Kingdom

Relevant Coursework

- Python Programming Essential
- Certified Associate in Python Programming

CISCO Networking Academy- Cybersecurity & Network Security

April 2023 - August 2023

United Kingdom

Relevant Coursework

- Cyber Threat Intelligence & Network Penetration Testing
- Social Engineering & Phishing
- Cybersecurity Policies & Governance
- Ethical Hacking & Digital Forensic
- Cryptography & Malware Analysis
- Cloud Security & Secure Network Security

SKILLS

HTML | CSS | JavaScript | Java OOP | Python | PHP | MySQL | Adobe Illustrator | Graphic Design
System and Network Administration | Project Management | API Development | Bootstrap

HOBBIES

• Video Games • Robotics • Chess • Machine Learning • Monopoly

LANGUAGE

• English • Kiswahili

REFERENCES

• Mr. Malace Otieno	• Mrs. Belinda Oketch	• Dr. Konyino John Ouma
Principal Public Accountant	Senior Teacher Gilgil Hills School	Dean School of Computer Science
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