**ERASTUS NJOROGE**

Tel: +254 702 120 703 Email: [eramwangiz@gmail.com](mailto:eramwangiz@gmail.com) [LinkedIn Profile](https://www.linkedin.com/in/erastus-njoroge-40817778)  [Github.com](https://github.com/erastus-mwangi-njoroge)

Productive, Competent and committed professional, passionate about developing robust and scalable software solutions. Solid understanding of database design and development, as well as extensive knowledge in developing APIs and integrating third-party APIs. Experienced in working with cloud computing platforms and has a solid grasp of software development methodologies like Agile and Scrum.

Proficient in analyzing complex data sets and providing actionable insights to stakeholders. Adept at using data to drive business decisions and have a strong understanding of machine learning algorithms and techniques. Excellent problem-solving skills, attention to detail, and ability to work collaboratively with any development team.

**Core Competencies**

* Debugging
* DOM Manipulation
* API design knowledge
* Hardware installation
* Software installation
* Solutions deployment
* Proficient in Statistical
* Data analysis

**Work Experience**

**ELEWA COMPANY LTD**

**Software Developer, Nov 2022 to Feb 2023**

* Developed increasingly complex software solutions to meet the technical needs of diverse industries.
* Maintained a single, cross-platform codebase that allowed for the deployment of applications on Web, Android, and Desktop platforms.
* Designed and developed backend solutions that provided a seamless and engaging user experience over text.
* Demonstrated advanced mathematical and technological reasoning skills, applying them to solve complex software development challenges.
* Employed advanced software architecture principles and SOLID development to create scalable, efficient, and maintainable software systems.
* Acquired and applied cutting-edge software development techniques and practices that are not yet widespread in the current Kenyan market.
* Collaborated effectively with peers and technical consultants to rapidly iterate on software solutions that meet the needs of Elewa's customers.
* Successfully completed any additional duties and responsibilities assigned by management/supervisors to contribute to Elewa's mission and vision.

**MORINGA SCHOOL**

**Access Graduate Support, Mar to Nov 2022**

* Assessed the responsiveness of allocated students to the program, identifying areas where additional support or encouragement may be needed.
* Assisted students with debugging programming codes in languages such as CSS, Angular, Javascript, React, Ruby on Rails, Flask, and Django, contributing to their understanding and confidence in these technologies.
* Provided support to students in deploying their projects on platforms like gh-pages, netlify, and heroku, helping them to showcase their work effectively.
* Responded to any other technical support requests raised by students, providing prompt and knowledgeable assistance to address their concerns.
* Collaborated with Technical Mentors to give specific student support to identified individuals in the software development class, helping to ensure that all students receive the necessary level of attention.
* Provided regular reports on the status of each student and the nature of assistance provided, contributing to ongoing program evaluation and improvement.
* Reviewed the progress of the entire program on a weekly basis, identifying areas of strength and potential opportunities for improvement to ensure that students receive the best possible experience.

**STUDYWRITERS**

**Freelance Data Analyst, Jan 2017 to Dec 2020**

* Utilized advanced data analysis techniques to extract insights from complex datasets, enabling evidence-based decision making for clients.
* Developed customized reports and dashboards that presented key findings and actionable recommendations helping clients optimize their business strategies.
* Conducted comprehensive data quality assessments, identifying and resolving data anomalies and discrepancies to ensure data accuracy and reliability.
* Collaborated with cross-functional teams to gather business requirements and translate them into analytical solutions, delivering projects within agreed timelines.
* Leveraged statistical modeling and predictive analytics to identify trends, patterns, and opportunities for business growth and optimization.
* Provided strategic guidance to clients based on data-driven insights, contributing to their overall business success.
* Actively communicated complex technical concepts to non-technical stakeholders, ensuring clear understanding and facilitating effective decision making.
* Successfully managed multiple projects simultaneously, balancing competing priorities and delivering high-quality results.
* Received positive feedback from clients for the accuracy, depth, and clarity of analytical reports which enhanced the company's reputation.

**National Integrated Identity Management System (NIIMS)**

**Registration Assistant, Mar to May 2019**

* Ensured that all registration materials assigned during the exercise were readily available to ensure that registration was completed on time and without any inconvenience to registrants.
* Filled out data capture forms promptly and accurately, ensuring that all necessary information was captured correctly.
* Transferred captured data to the biometric kit, ensuring all relevant data was included and correctly associated with each individual registrant.
* Captured biometrics, including fingerprints and facial features, with precision and care to ensure that all registrant data was captured in a reliable and useful manner.
* Checked the completeness of registration forms thoroughly and that all questions were asked and responses were legibly captured.
* Forwarded registration kits and forms (filled, unfilled, and spoilt) to the supervisor on a daily basis, helping to ensure that registration was completed in a timely and organized manner.
* Recorded and documented any issues or challenges encountered during the registration process, helping to identify areas of improvement and mitigate issues in real-time.
* Prepared daily debriefing notes for the supervisor on registration status, providing valuable information and insights to help improve the registration process and ensure its success.

**SMARTEDGE EA LTD**

**ICT Attaché, May to August 2013**

* Provided network support and resolved various WAN/LAN connectivity issues through effective troubleshooting.
* Configured hardware and software in optimal configurations to meet network performance requirements and ensure high-quality service delivery.
* Recommended accessories and complementary purchases to customers, resulting in increased revenue for the company.
* Delivered friendly and efficient service to customers, handling challenging situations with ease to ensure positive customer experiences.
* Continuously learned new skills and technologies, applying them to daily tasks to improve efficiency and productivity in the workplace.
* Responded to other duties allocated by the manager, demonstrating flexibility and adaptability in responding to changing business needs.

**Teaching Experience**

**Mathematics Teacher, Karugia Secondary School (Sep to Oct 2016)**

**Mathematics Teacher, Muthurumbi Secondary School (May to Sep 2012)**

* knowledgeable in various mathematical concepts and theories and is able to plan and deliver effective lessons that cater to the needs and abilities of their students. Creating a positive and inclusive learning environment that encourages student participation, engagement, and curiosity.

**Academic Background**

**Bachelor of Science in Mathematics and Computer Science, Second Class Honors – Upper Division**

Jomo Kenyatta University of Agriculture and Technology, 2012 – 2016

**Training, Course & Certification**

***Web 3 Blockchain Technologies, Polygon, Impact+ Training | 2022***

***Software & Web Development Course, Moringa School | 2021***

***Certified Public Accountant (CPA), Thika Institute of Business Studies (TIBS) | 2016 – 2018***

**Technical Proficiencies**

MS Office. Word, Excel, PowerPoint, Outlook, Access, OneNote.

Expert: Django, Javascript, jQuery, CSS, Python, Postgresql, MySQL, SPSS, React, Angular, Firebase

Intermediate: Solidity, Ruby on Rails, Sinatra, Flask, R-studio, Java, C++.

Learning: MERN Stack, Spring Boot

**References**

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| **Mr Ian Odhiambo**  Software Engineer  Elewa Company Ltd  Email:  ian@elewa.co.ke  Phone: +254 798 698 156 | **Ms Faith Githigia**  Student Support Associate  Moringa School  Email:  faith.githigia@moringaschool.com  Phone: +254 705 624 555 | **Rev George Kinyanjui**  Presbyter  Worldwide Gospel Church of Kenya (Kenol)  Email:  kinyanjuigeorge3@gmail.com  Phone: +254 724 852 356 |