

ELISHA KIPKIRUI NGETICH

<https://github.com/Kipkiruie>

EXPERIENCE

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- Alx Nairobi** Nairobi
AirBnB Project, Feb 2024 – May 2024
- Developed a scalable web application for managing property listings, bookings, and user interactions for an Airbnb clone.
 - Integrated secure payment systems and user authentication, ensuring seamless and secure transactions.
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- Printf Project,** Nairobi
Aug, Oct 2023
- Implemented a custom `printf` function in C, handling various format specifiers and edge cases to replicate the standard library function.
 - Optimized code for performance and memory usage, ensuring compatibility and robustness across different systems.
- Larosa Farm,** Bomet
Co-founder, software Engineer, Sept 2022 – Present
- Co-founded a bee farm in Bomet county, to promote biodiversity, encourage sustainable farming practices, and to strengthen social awareness on action against climate change
 - Apply coding skills to design website enhancing easy access of order honey with efficiency and reduction in operational costs
- Office of Deputy Governor,** Narok county
Technician, IT Department, August 2022 – December 2022
- Developed and maintained software solutions to support the administrative functions of the Deputy Governor's office, ensuring efficient workflow and data management.
 - Designed and implemented custom applications, improving communication and operational efficiency.
- Crown Paints,** Nairobi
Assistant system Admin May 2022 – Present
- Managed and maintained Linux server environments, performing tasks such as user account management, software installation, and system updates.
 - Implemented and monitored security measures, including firewall configurations and regular system audits, to ensure system integrity and data protection.
- Mustek, Westlands** Nairobi
Intern, Sap systems, Jan 2022 – March 2022
- Configured and maintained SAP systems, including user management, performance tuning, and system upgrades, ensuring optimal functionality and reliability.
 - Developed and implemented security protocols, such as role-based access controls and regular audits, to safeguard sensitive data and maintain compliance.

SKILLS

C, Python, and Java programming languages, with expertise in algorithms, data structures, MySQL database management, Git, teamwork and project management through collaborative software development.

EDUCATION

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- Alx Africa,** Nairobi
Software Engineering September 2024
Course work: Software design, architecture, agile methodologies, proficiency in C, Python, Java, MySQL database management, algorithms, data structures, Git, teamwork, project management.
- Maseno University,** Kisumu
Bachelor of Science in Industrial Chemistry with IT December 2019
Course work: industrial chemistry fundamentals, chemical engineering principles, Organic and inorganic Chemistry, IT applications in chemical informatics, and software engineering studies.