COLLINS KIPLANGAT

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PROFESSIONAL SUMMARY

Experienced Information Technology professional with a strong background in networking, system administration, and software development. Proficient in programming languages such as Java, Python, C++, and JavaScript, with hands-on experience in database management (SQL, Oracle, MySQL, MongoDB) and cloud computing. Skilled in developing and managing IT solutions, including network security, system optimization, and troubleshooting. Adept at implementing innovative technologies such as blockchain, AI, and cybersecurity to drive operational efficiency. A collaborative problem-solver with excellent communication and project management abilities, seeking to contribute to the success of a dynamic organization.

PROFESSIONAL SKILLS

- *Networking and Network Administration:* Proficient in configuring and managing network infrastructure, ensuring secure and efficient data communication.
- *Database Management:* Experienced in SQL, Oracle, MySQL, and MongoDB for effective data storage, retrieval, and management.
- *Programming Languages:* Proficient in Java, Python, C++, JavaScript, and PHP for developing software applications and solutions.
- *System Administration:* Skilled in managing operating systems, system optimization, and troubleshooting for improved IT performance.
- *Cybersecurity:* Knowledgeable in security protocols and practices to protect systems and data from unauthorized access and threats.
- *CCTV Installation and Security Systems:* Experienced in setting up and maintaining surveillance systems for enhanced security and monitoring.
- *Cloud Computing:* Familiar with cloud platforms and services for scalable and efficient IT solutions.
- *Virtual Assistant Services:* Proficient in managing administrative tasks, including email management, scheduling, data entry, and communication to enhance productivity and streamline operations.

PROFESSIONAL EXPERIENCE

Freelancing

Services: Forex Trading, Virtual Assistance   *August 2024 – Present*

- Provided virtual assistance services, managing administrative tasks such as email correspondence, calendar scheduling, and data entry, enhancing productivity for multiple clients.
- Delivered Forex trading services, conducting market analysis and developing trading strategies that resulted in improved client profitability.
- Collaborated with clients to understand their specific needs and tailor solutions, ensuring a high level of customer satisfaction and repeat business.
- Utilized various online platforms and tools to streamline communication and project management, enhancing overall efficiency.
- Created informative content related to Forex trading, educating clients and increasing their understanding of market trends and strategies.
- Maintained a strong professional network within the freelancing community, leveraging connections to generate new opportunities and expand client base.

Dhabiti Sacco Limited

Credit Management Assistant & IT Support – Intern   *May 2024 – August 2024*

- Assisted in the development of a Lending and Credit Management System, streamlining loan application processes to enhance operational efficiency.
- Implemented data analytics for risk assessment, improving the accuracy of loan disbursement and repayment tracking.
- Collaborated with team members to identify system enhancements, contributing to a user-friendly interface and better user experience.
- Conducted training sessions for staff on the new credit management system, ensuring smooth adoption and utilization.
- Monitored system performance and security protocols, contributing to the overall integrity of the data management processes.

County Government of Kericho
ICT Department – Networking, Software Development, and IT Support Services – Intern   *May 2023 – August 2023*
- Developed software solutions to automate internal processes, resulting in improved efficiency and reduced manual workload.
- Assisted in network administration, configuring routers and switches to ensure reliable connectivity for all departments.
- Provided technical support for software and hardware installations, enhancing the IT capabilities of the department.
- Collaborated with colleagues to troubleshoot network issues, leading to faster resolution times and enhanced system reliability.
- Documented IT procedures and user manuals, creating a valuable resource for staff training and system use.
- Participated in team projects to enhance the overall IT infrastructure, contributing to a more robust and secure network environment.

Caroish Wholesaler
Shop Attendant   *January 2020 – August 2020*
- Assisted customers with product selection and inquiries, ensuring a positive shopping experience and fostering customer loyalty.
- Managed inventory levels by conducting regular stock checks and reporting discrepancies, contributing to efficient inventory management.
- Processed transactions accurately and efficiently, improving the overall checkout experience and reducing wait times for customers.
- Collaborated with team members to maintain store cleanliness and organization, creating an inviting shopping environment.
- Implemented promotional displays and signage, increasing product visibility and driving sales growth.
- Collected customer feedback to identify areas for improvement, helping to enhance service quality and customer satisfaction.

EDUCATION BACKGROUND

Meru University of Science and Technology
BSc. Information Technology (Graduated with Second Class Honours, Upper Division)   *2020 – 2024*

Keongo Secondary School
Kenya Certificate of Secondary School (Grade: B-)   *2016 – 2019*

Kapcheptoror Primary School
Kenya Certificate of Primary Education (KCPE) (Marks: 322)   *2005 – 2013*

PROJECTS

- *Security System Using Radar Technology:* Developed an innovative security system that utilizes radar technology to enhance surveillance and threat detection, focusing on improving accuracy and efficiency in security measures across various environments.
- *Food Donation System:* Created a web-based platform to connect food donors with local organizations, facilitating the donation process and minimizing food waste while addressing community needs.
- *Generative AI Chatbot Development:* Designed and implemented a generative AI chatbot to provide automated customer support, improving response times and enhancing user engagement.
- *Crowdfunding Management System using Blockchain Technology:* Developed a decentralized crowdfunding platform that leverages blockchain technology for secure transactions and transparent funding processes, promoting trust among contributors.
- *Payroll System:* Created an automated payroll management system to streamline employee compensation processes, ensuring accuracy and compliance with local regulations.
- *Church Management System:* Developed a comprehensive management system for churches, integrating features for member management, event planning, and financial tracking to improve organizational efficiency.
- *School Management System:* Designed a web-based school management system that allows for efficient administration of student records, grades, and attendance tracking.
- *Point of Sale (POS) System:* Developed a user-friendly POS system to enhance sales transactions for retail businesses, incorporating inventory management and sales reporting features.

ADDITIONAL INFORMATION

- *Virtual Assistant Program – ALX Africa:* Completed a comprehensive training program that equipped me with essential skills in administrative support, project management, and effective communication.
- *Computer Packages Course – African Institute of Research and Development Studies (AIRADS):* Gained proficiency in essential computer applications, including word processing, spreadsheets, and presentation software, enhancing my ability to perform various administrative tasks.
- *Cybersecurity Online Courses:* Completed multiple online courses focused on cybersecurity principles, best practices, and tools to protect systems and data from cyber threats.
- **UX/UI Design Online Courses***:* Acquired knowledge and skills in user experience and interface design through online training, enabling me to create intuitive and visually appealing digital products.
- *IT-Related Online Courses:* Engaged in various online courses covering diverse IT topics, expanding my expertise in areas such as programming, database management, and network administration.

HOBBIES AND INTEREST

- *Reading Tech Blogs:* I enjoy staying updated on the latest technology trends and innovations through various tech blogs, which helps me expand my knowledge and understanding of the industry.
- *Participating in Hackathons:* I actively participate in hackathons to challenge my problem-solving skills and collaborate with like-minded individuals in developing innovative solutions.
- *Contributing to Open Source Projects:* I find satisfaction in contributing to open source projects, as it allows me to give back to the community while honing my programming skills and collaborating with other developers.
- *Building Personal Projects or Websites:* I love creating personal projects and websites, as they provide an opportunity to experiment with new technologies and showcase my skills in a practical setting.
- *Exploring Emerging Technologies:* I have a keen interest in exploring emerging technologies, such as artificial intelligence and blockchain, as they inspire me to think about their potential impact on the future.

REFEREES

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