Dennis Ndivo Somba

Telephone: +254 721694051; Email: sombadennis@gmail.com **Skype**: Dennis Somba
LinkedIn: https://www.linkedin.com/in/dennis-somba-422466155/ **GitHub:**
https://github.com/Dennis619 **Personal Site:** https://dennis619.github.io/Personal-Site/

Key Skills

Installation, customization and deployment of ERP Next; Database administration; Troubleshooting and fixing network errors; Client support; Programming Languages: HTML/CSS, C#, C++, JavaScript; Backend Programming Languages: Node.js and Express; Databases: MySQL, PostgreSQL; Front-end Frameworks: React JS

Profile

- Experience in managing and maintaining server environments, including operating system installation, configuration, and troubleshooting. Knowledge of server virtualization, backup and recovery, and system performance optimization.
- Experience in successfully implementing ERPs for organizations, including requirements gathering, system design, data migration, and training.
- Ability to customize ERPs to meet specific business needs by creating custom fields, forms, reports, and dashboards using ERP's customization framework.
- Proficiency in managing and configuring network infrastructure, including routers, switches, firewalls, and wireless networks. Knowledge of network protocols, IP addressing, and network security.
- Experience in designing, developing, and consuming APIs using RESTful principles for efficient communication between front-end and back-end systems. Knowledge of project management methodologies, such as Agile or Waterfall.
- Proficient in C++ and C# with expertise in .NET Framework and .NET Core. I have strong knowledge of object-oriented programming (OOP) principles and design patterns.
- Familiarity with database design and development using SQL and Postgres and also skilled in front-end technologies including HTML, CSS, JavaScript, jQuery, Bootstrap, React JS and backend programming language such as Node.js and Express.

Qualifications

- Bachelor of science degree in Applied Computer Technology
- Currently doing the following Certificates:
  - The Complete 2024 Web Development Bootcamp in Udemy
  - C++ Nanodegree in Udacity
  - Full Stack JavaScript developer in Udacity

Education

- o 2017- 2021 – USIU- Africa - Bachelor of science in Applied Computer Technology
- o 2013- 2016- Mukaa Boys' High School - Kenya Certificate of Secondary Education

Work Experience

February 2023 - Present – Transcends Systems East Africa Ltd (TSEA); https://www.tsea.co.ke/
Position: Full Stack Developer
- o Utilizes a combination of front-end and back-end technologies to develop robust and scalable web applications.
- o Collaborates with designers to create intuitive and visually appealing user interfaces, ensuring a seamless user experience.
- o Develops interactive and dynamic user interfaces using React JS, ensuring responsiveness across various devices and browsers.
- o Writes efficient and reusable JavaScript code to implement client-side functionality and enhance user interactions.
- o Builds server-side logic and APIs using Node.js and Express, ensuring high performance and scalability.
- o Writes clean, efficient, and maintainable HTML and CSS code to implement UI designs and layouts.
- o Integrates MySQL and PostgreSQL databases into the application, including data modelling, querying, and optimization.

January 2022- February 2023 – Transcends Systems East Africa Ltd (TSEA); https://www.tsea.co.ke/
Position: ERP Technical Specialist
- o As part of my duties, I am responsible for the installation and deployment of ERP Next. ERP Next is an open-source enterprise resource planning (ERP) software that helps businesses manage various aspects of their operations, including finance, inventory, sales, and human resources. My role involves: System Requirements Analysis, Installation, Configuration.
- o Testing and Deployment and support and training.
- o As part of my duties, I am responsible for database administration. This involves managing and maintaining the organization's databases, which store crucial data used by ERP Next and other applications. My tasks include: Database Installation and Configuration, Performance Optimization, Backup and Recovery and Security and Access Control.
- o As part of my responsibilities, I troubleshoot and resolve network errors that may impact the organization's connectivity and access to ERP Next and other network resources. This includes: Network Monitoring, Issue Identification and Diagnosis, Troubleshooting and Resolution and Documentation

- o My duties also include file management and backup. This involves ensuring the organization's files and data are organized, secure, and backed up to prevent data loss or corruption.

July 2022- December 2022 – Testlio
https://testlio.com/
Position: Software Tester (Freelance)

- o Collaborated with cross-functional teams to perform manual and exploratory testing of Snapchat.
- o Executed test cases, reported defects, and verified bug fixes using Tselios' platform.
- o Participated in test planning, test case creation, and regression.
- o Contributed to the improvement of testing processes, including providing feedback on test cases.
- o Effectively communicated testing results and status updates to project managers.

December 2021 – January 2023 -Jubilee Insurance Alliance
Position: Data Entry
  a) Entering Claim Form Data in Excel:

> As part of my duties, I was responsible for entering claim form data into Excel spreadsheets. Here's a breakdown of the process: Data Collection, Data Entry, Validation and Verification, Data Organization and Data Integrity and Security.

  b) Data Analysis of Values in Excel:

> In addition to entering claim form data, my duties involve performing data analysis of values in Excel. This task requires me to utilize Excel's built-in functions and tools to extract insights, identify trends, and draw meaningful conclusions from the data. Here's a breakdown of the process: Data Cleaning and Preparation, Applying Formulas and Functions, Creating Charts and Graphs, and Data Interpretation

---

June 2021 to September 2021- Public Sector Accounting Standards Board (PSASB) - attachment
https://www.psasb.go.ke/
Position: Network Administrator
- o As part of my duties, I was responsible for troubleshooting and resolving network issues. This involves identifying and resolving problems that may arise within the organization's network infrastructure.

- As part of my duties, I was responsible for maintaining the organization's IT hardware, software, and other systems. This involves proactive management and regular maintenance to ensure optimal performance and reliability
- As part of my duties, I provided support for data centre management. This involves maintaining and optimizing the organization's data centre infrastructure to ensure smooth operations.
- As part of my responsibilities, I ensured proper management of network security devices to protect the organization's network infrastructure and data from unauthorized access or security threats
- As part of my duties, I was responsible for the installation and configuration of various communication and security systems. This includes: VoIP Phones, PBAX (Private Branch Exchange), CCTV (Closed-Circuit Television), Access Control Equipment, and Video Conferencing.
- As part of my duties, I actively participate in training and user support services to assist employees or clients with IT-related issues.
- As part of my duties, I ensured proper networking and structured cabling within the organization's infrastructure.

References available upon request