

PROFESSIONAL EXPERIENCE

Software Engineer | Renga Tech | Nairobi, Kenya

November 2022 - Present

- Designed, and implemented solutions using MERN (Mongo, Express, React and Node.js) and deployed solutions to the cloud.
- Release features on time, with high quality, meeting functional performance, scalability, and compliance requirements.
- Design, develop, and execute new features in conjunction with all teams.
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- Update sprint and product backlogs in a timely manner.
- Creatively tackle hard and ambiguous problems in innovative ways.
- Deployed solution on cloud and on-premises servers.
- Pushing and clearing git commits and issues on time.
- Resolving bugs in production.

Junior Software Engineer - Intern | KBC | Nairobi, Kenya

April 2022 – November 2022

- Provided IT support.
- Deployed solution on the cloud server.
- Server management and configuration.
- Worked to continuously improve the performance, reliability, and accuracy of ERPs.
- Maintained Election Management System codebase.
- Developed and maintained facilities booking system web App.

Part-time System Admin - Consultant | Karen Family Mart | Nairobi, Kenya

July 2021 – November 2022

- Worked to continuously improve the performance, reliability, and accuracy of data systems.
- Developed website using pure vanilla JavaScript, HTML, and CSS.
- Implemented effective inventory management processes.
- Investigated and troubleshot problems swiftly and improved functionality.
- Stayed abreast of the latest technology developments.
- Identified, diagnosed, and resolved connectivity, reliability, and performance-related issues on ICT system infrastructure.
- Increased productivity and efficiency by integrating Microsoft Dynamics RMS and QuickBooks to perform Sales and accounts.
- Configured, installed, maintained, and upgraded physical and virtual servers, storage systems, and backup systems.

PROJECTS

Freelance sites

2019 - Present

[Karam Lagam Ltd](#) | [Keltakulta-Hoiva-Oy](#) | [Jamii:](#)

Websites for different organizations.

Database Auto backup

Dec 2022

Python Script to automatically backup Server Databases to google drive and Microsoft Drive when triggered and do the same periodically.

EDUCATION

BS, Computer Science The Catholic University of Eastern Africa (CUEA), Nairobi, Kenya Major Software Engineering	May 2019 – October 2023
<ul style="list-style-type: none">• <i>Coursework:</i> Database Systems, Data Mining, Algorithms & Abstract Data Types, Data Structures & Algorithms (Java), Object Oriented Programming(C++), Computer Networks, Systems Analysis & Design, hardware and software maintenance, System administration, Operating systems, Probability and Statistics, Web development, Distributed systems, Mobile application development (Java, flutter and Kotlin), Human-Computer Interface, Software project management, Security and privacy for big data, Big data analysis, System Audits, Business intelligence and Computer Graphics.• <i>Activities:</i> Google Students Developer Club: GSDC - lead 2022-2023, Ubunifu College Machine Learning Hackathon, Dam 5, Week Software Development Bootcamp.	

SKILLS & TOOLS: Data Science, Statistics, Solutions Architecture, Microsoft Office, Git and GitHub, Figma, Firebase, Adobe Photoshop, Slack, G-Suite, Salesforce, AWS, GCP, Azure, Docker, Kubernetes, LetsEncrypt, Traefik, Jira, Flask, Spring Framework, MySQL, PostgreSQL, Mongo-DB, UI5, Angular, React, React- Native JavaScript, Python, C, Java, MIPS, HTML5, CSS, Jupyter Notebook, Google Colab, Scala, Hadoop, Sci-kit learn (random forest, Linear regression, logistic regression), TensorFlow, TensorFlow Extended, PyTorch, Django, Flask, Laravel, Flutter.