

ALLAN MUCHEMI WANJIKU

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Professional Summary

Experienced Technical Writer and Software Engineer with over three years in technical SEO writing, content creation, and software documentation.

Skilled at simplifying complex technical concepts and crafting engaging, SEO-optimized content for developers, IT professionals, and a broader audience. Strong background in backend development, APIs, and database management to support technical insights in writing.

Skills

- **Content Writing:** Technical articles, tutorials, how-to guides, SEO optimization, title copywriting
- **Technical SEO:** Keyword implementation, link building, H1-H4 structuring, word count optimization
- **Technical Proficiencies:**
 - **Technical writing:** Markdown
 - **Programming Languages:** Python, JavaScript, and C
 - **Frameworks:** Tailwindcss, React, Flask, Nodejs
 - **Database Management:** MySQL
 - **Operating Systems:** Linux
 - **System Administration:** Linux, Shell scripting
 - **Web Servers:** Nginx, Apache
 - **Version Control:** Git, GitHub

Projects

Rentnest – Online Real Estate Agents Directory

Technologies: Python, Flask, MySQL, HTML/CSS, Bootstrap

- Created a dynamic web application using Flask (Python) with Bootstrap for responsive UI and MySQL as the database.
- Integrated SQLAlchemy for seamless database interaction and management.
- Implemented user authentication and session management using Flask's security features, enabling secure login and account management.
- Designed and implemented a RESTful API to enable users to create, update, and delete accounts and other information.
- Designed account management functionalities, allowing users to change passwords and delete accounts.
- Built advanced filtering capabilities, enabling users to search and filter agents based on specific queries like rating and location.

Code: <https://github.com/samlan24/online-directory>

Buzzd - Artist Recommendation App

Technologies: React, D3.js, Flask, RESTful API

- Built a React-based front-end with HTML and CSS for responsive, interactive user interfaces.
- Used D3.js to create dynamic data visualizations, enhancing user engagement.
- Designed and implemented a RESTful API using Flask, enabling seamless communication with Spotify and Last.fm APIs for retrieving data.
- Allowed users to discover new artists and explore their top tracks through efficient API integration.
- Focused on delivering a seamless and scalable user experience by optimizing data flow and API interactions.

Code: <https://github.com/samlan24/buzzd>

Live: <https://front-end-repo-seven.vercel.app/>

Academic Qualifications

ALX Software Engineering Program: Ends by January 2025

- Focus on Computer Science foundations, front-end and back-end development

OTHAYA BOYS HIGH SCHOOL (2008-2011)

- Kenya Certificate of Secondary Education (B+ 67 points)
- Computer packages certificate

Experience

Jun 2023 - Present

Technical Writer

- Specialize in creating comprehensive tutorials and how-to guides on networking information security, and software development topics, reaching software developers, IT professionals, and beginners.
- Research, write, and edit content that simplifies complex technical concepts into clear, engaging narratives.

Oct 2019 to Oct 2024

Upwork (Freelance Writer)

- Wrote articles and blog posts on various topics, demonstrating versatility in research and writing across different subject areas.
- Developed engaging content tailored to target audiences, ensuring high readability and adherence to client specifications.
- Managed multiple projects simultaneously, meeting deadlines and maintaining high-quality standards in content delivery.

Aug 2022 to Jan 2023

Aleada Group

- Delivered SEO-optimized content that increased organic traffic for clients in cybersecurity and biotechnology.
- Authored articles that contributed to growth in website visits, and aligned with client marketing strategies.

Certificates

- Google Digital Garage Certification
- Hubspot Content Marketing Certification
- FreeCodeCamp Responsive Web Design

Reference

Upon request