DOMINIC MUUO MUSYOKI

Full Stack developer | Software developer | DevOps Integrations

+254758348269 / 0742899959 | P.O. BOX 1957, 10101 Karatina | **Linkedin** | **GitHub**

muuomusyoki018@gmail.com

Career Summary

Enthusiastic and passionate Full Stack Developer with hands-on experience in designing and building robust web applications across both frontend and backend. Skilled in modern frameworks and technologies, with a strong focus on creating scalable, user-centric solutions. Experienced in integrating AI-driven automations and streamlining development workflows through DevOps practices, including CI/CD pipelines. Eager to contribute to innovative tech solutions and thrive in collaborative, fast-paced environments.

Work Experience

Software Engineering and Backend Specializations Trainee
ALX Africa – Software Engineering Program, Nairobi - Kenya
Remote | Sept 2023 – Feb 2025

- Participated in a year-long, intensive program focused on backend and full stack development.
- Collaborated with peers on multiple team-based projects, including an Airbnb clone, simulating real-world software development environments using Git, GitHub, and agile practices.
- Developed backend systems using Node.js, Redis, and Python, with emphasis on scalability, testing, and REST API design.
- Gained hands-on experience in Linux/Unix, Shell scripting, and C programming through low-level modules.
- Implemented and maintained CI/CD pipelines, performed system monitoring (Datadog), and worked on debugging complex web stack issues.
- Completed a portfolio project demonstrating full cycle software development skills, from architecture to deployment.

Education

Bachelor of Science in Computer Science

Karatina University, Karatina - Nyeri, Kenya

2022 - **Now**

Expected Graduation: December 2026

Relevant Courses:

- Data Structures & Algorithms
- Web Development
- Software Engineering
- Object-Oriented Programming

Technical Skills

- **Programming Languages:** Python, JavaScript, SQL, Php
- **Frameworks:** Mern, Laravel, Django
- **Data Structures & Algorithms**: Python, Javascript
- **Web Development:** Django, Mern, Laravel, HTML, CSS, TailwindCSS, REST APIs
- **Cloud & DevOps:** AWS, Docker, CI/CD Pipelines (Gitlab)
- **AI :** Chatbot system, NLP
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Version Control:** Git, GitHub, Gitlab
- **Tools**: IntelliJ IDEA, VS Code, Pycharm

Projects

1. **E-Commerce Website (Portfolio Project)** *(MERN)*:
   A full-featured online shopping platform with product listings, cart, checkout, and user authentication. Integrated PayPal Payments API for seamless transactions. Github link
2. **AI-Powered Healthcare Appointment Scheduler** (*Django, MySQL, Bootstrap, AI*):
   A smart scheduling platform for hospitals, enabling patients to book, reschedule, and manage appointments. Gitlab link
3. **AI Driven Recommendations Hostel Booking application** (*Django, MySQL, Bootstrap, JavaScript, AI):*
   A platform for students to discover hostels, compare listings, and receive AI-powered recommendations based on preferences. Gitlab Link
4. **Online Learning Moodle** (*Laravel*)
   A simplified Moodle platform allowing teachers to upload assignments and students to submit and track their work. *Gitlab Link*

5. **Student Study Portal** *(Django, YouTube API, Bootstrap)*
   A productivity web app for students to learn, search topics, and watch educational content from YouTube within a distraction-free interface. [Github Link](#)

Certifications & Achievements

- **ALX Software Engineering Programme with Specialization in Backend**
  Issuing Organization: ALX; *Date:* 12th February 2025

  Visit https://intranet.alxswe.com/certificates/pHSe3cLfYC to authenticate

- **AI Augemented Development Skills**

  Issuing Organization: ALX; *Date:* 6th August 2024

  Visit https://intranet.alxswe.com/certificates/RmxFezSB73 to authenticate

- **React.js Certificate** issued by Simplilearn on 22nd January 2024

- **Introduction to cloud computing** by Simplilearn on 28th January 2024

- **Project management** by Simplilearn on 17th November 2023

References

Available upon request.