

Leon Kabugi

Web Developer | Software Engineer | DevOps Enthusiast

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Professional Summary

Passionate Web Developer and Software Engineer with a growing focus on DevOps. I specialize in building full-stack web applications, automating deployment workflows, and leveraging cloud platforms like AWS and Azure. Currently pursuing dual Bachelor's degrees in Computer Science and Project Management, I bring a blend of technical know-how and organizational skills to every project. I thrive in collaborative environments and am driven by the challenge of solving complex problems through tech.

Education

- Bachelor of Science in Computer Science**, *University of the People*2025 – 2028
Relevant Coursework: Data Structures & Algorithms, Software Engineering, Cloud Computing
Activities: Hackathons, tech clubs, leadership roles, collaborative projects
- Bachelor of Science in Project Management**,2025 – 2028
Jomo Kenyatta University of Agriculture and Technology
Relevant Coursework: Project Planning, Risk Management, Agile Methodologies
Activities: Student organizations, group projects, community outreach

Skills

- Languages & Tools**
HTML, CSS, JavaScript, React, Node.js, Python, Git & GitHub
- Cloud & DevOps**
AWS, Azure, CI/CD (GitHub Actions), Docker, Bash
- Frameworks & Concepts**
Express.js, REST APIs, JWT Authentication, MongoDB
- Project Management**
Agile, Risk Management, Team Collaboration
- Design Principles**
Responsive Design, UI/UX Fundamentals

Projects

- Personal Portfolio Website**,
A responsive site to showcase skills and contact info using HTML, CSS, and JavaScript.
A responsive portfolio website built with HTML, CSS, and JavaScript to showcase my skills, projects, and contact information. Features smooth navigation, modern design, and a contact form.
- DevOps CI/CD Pipeline**, *Built CI/CD with GitHub Actions and Docker. Integrated notifications and rollback.*
Designed and implemented a CI/CD pipeline using GitHub Actions and Docker for automated testing, building, and deployment of web applications. Integrated notifications and rollback strategies. **Tech** 📦 **Stack:** GitHub Actions, Docker, Bash, AWS
- Task Manager API**, *Developed secure RESTful API with Node.js and MongoDB, including JWT auth.*
Developed a restful API for managing tasks, including authentication, CRUD operations, and user roles. Used Node.js and Express for the backend, and MongoDB for data storage. 📦

Certifications

AWS Educate Machine Learning Foundations

This certification covers the basics of machine learning, including supervised and unsupervised learning, data preprocessing, model evaluation, and deployment using AWS services. It provides hands-on experience with AWS tools such as SageMaker, enabling practical understanding of building and deploying machine learning models in the cloud.

ISO/IEC 27001:2022 Lead Auditor

This certification demonstrates expertise in auditing and managing information security management systems (ISMS) based on the ISO/IEC 27001:2022 standard. It covers risk assessment, implementation of security controls, compliance evaluation, and leading audit teams to ensure organizations meet international information security requirements.

ISO/IEC 27001 Information Security Associate

This certification validates foundational knowledge of information security management systems (ISMS) based on the ISO/IEC 27001 standard. It covers key concepts such as information security principles, risk management, security controls, and compliance requirements. Earning this certification demonstrates the ability to support the implementation and maintenance of ISMS in alignment with international best practices.