

Joshua Ndereba

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Professional Summary

- I am a Computer Science student with hands-on experience in DevOps practices through academic projects and professional training. I combine software engineering fundamentals with emerging skills in cloud infrastructure, containerization, and CI/CD automation.

Education

- Daystar University** Athi River, Kenya
Bachelor of Science in Computer Science 2022–2026
 - Relevant Coursework:** Advanced Software Engineering, Cybersecurity Principles, Cloud Architecture, Database Systems, Network Security
 - Academic Projects:** Developed 3+ full-stack applications.
- Nakuru High School** Nakuru, Kenya
Kenya Certificate of Secondary Education (KCSE) Graduated 2021

Certifications

- DevOps Engineer Training** - KodeKloud (Jan 2025–Present)
- Security System Analyst** - TryHackMe (May 2024–Present)
50+ challenges, 90%+ success, 15+ simulated vulns mitigated
- Website Development Certification** - Daystar University (2023)
- Game Development Certification** - XAMK University (2022–2023)
Built 2D game in C# with 1,000+ lines of code

Technical Projects

- Portfolio Website:** React-based showcase
<https://github.com/joshua-ndereba/portfolio-neid.git>
<https://joshuaportfoliov2.vercel.app>
- Personal Finance Manager:** Budget tracking with Clojure
<https://github.com/joshua-ndereba/finmngr.git>
- HikeTracker App:** Flutter GPS hiking app
<https://github.com/joshua-ndereba/peak-hike.git>
- MediRecords App:** VB.NET health record system
- Bus Booking System:** Full-stack booking app
<https://github.com/joshua-ndereba/expressbus.git>

Skills

Technical Skills

- Languages:** Python, Java, JavaScript, C++, SQL, Dart
- Web:** HTML5, CSS3, Express.js, REST APIs, JWT, OAuth 2.0
- DevOps:** Docker, K8s, Jenkins, GitHub Actions
- Cybersecurity:** OWASP Top 10, Burp Suite
- Databases:** MongoDB, PostgreSQL, MySQL, Firebase, PHP
- Practices:** Agile, TDD, CI/CD, Microservices

Soft Skills

- Problem Solving:** Completed Bandit CTF on OverTheWire
- Leadership:** Led 2 university project teams
- Communication:** Presented to 100+ audience members
- Adaptability:** Learned 4 new tools in 12 months (e.g., Terraform, Flutter)
- Teamwork:** Built projects collaboratively using agile workflow

References

Denis Murage Karaya

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