

Curriculum Vitae

Ian Ndambuki Ndumia

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Professional Summary

Aspiring Software Engineer currently pursuing a Diploma in Software Engineering at Zetech University. Hands-on experience in full-stack web development, IT support, and networking. Successfully developed and deployed functional projects including an E-commerce platform and a Children's Game Center Billing System using HTML, CSS, JavaScript, PHP, and MySQL. Passionate about solving real-world problems with technology. Known for being a fast learner, problem-solver, and a strong team player.

Education

Zetech University - Diploma in Software Engineering

Expected Completion: January 2025

- Relevant Coursework: Programming, Web Development, Networking, Database Management, Cybersecurity, System Administration, Data Structures & Algorithms
- Additional Training: Harvard CS50 (Intro to Computer Science)

Certifications

- **ALX Software Engineering Program – Back-End Development Track** (*Ongoing, 2025*)
Completed multiple back-end projects using Python, Flask, MySQL, and REST APIs. Gained experience in system design, debugging, version control (Git), and testing.
- **CCNA (Cisco Certified Network Associate)** - Cisco, 2024

Technical Skills

Programming: Java, JavaScript, Python

Web: HTML, CSS, PHP, SQL, Python

Tools & IDEs: VS Code, Apache NetBeans

Networking: CCNA-level knowledge, network setup & troubleshooting

Systems: System Administration, Cybersecurity

Soft Skills: Team collaboration, adaptability, problem-solving

Academic Projects

Children Game Center Billing System

- Designed and implemented a web system to automate session tracking, payments, and receipt generation

Curriculum Vitae

for a children's game center.

- Developed both admin and user dashboards with booking and reporting functionality.
- Technologies: HTML, CSS, JavaScript, PHP, MySQL

E-commerce Website (Shop Billing System)

- Built an online store with user login, product catalog, and shopping cart features.
- Integrated backend logic for inventory management and secure checkout.
- Technologies: HTML, CSS, JavaScript, PHP, MySQL

Professional Experience

IT Technician & Tour Guide

Tourism Agency - Nairobi, Kenya | Jan 2023 - Aug 2023

- Delivered IT support including troubleshooting software/hardware and managing network connectivity.
- Contributed to the agency's digital transformation through social media and customer experience tools.
- Led client tours, enhancing interpersonal and communication skills.

Network Support Intern

WISP Networking Company - Nairobi, Kenya | Sept 2023 - Jan 2024

- Supported setup and maintenance of network equipment (routers, switches, APs) for residential and business clients.
- Assisted in diagnosing and resolving network issues, reducing downtime and improving customer satisfaction.
- Documented configurations and participated in optimizing network layouts.

Interests & Extracurricular Activities

- Team-based tech projects and innovation challenges
- Continuously learning new programming languages and security tools

- Interested in web frameworks and mobile app development

References

Available upon request.