

Calton Tachiwona

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☁ clancysoftwares.github.io/caltontachiwona.github.io/

SUMMARY

An enthusiastic Computer Science graduate specializing in the full software and systems development lifecycle, from architecture to deployment. I focus on developing and maintaining the scalable, reliable, high-availability infrastructure crucial for seamless, high-end service delivery. I am keen to apply my skills in real-world environments to promote efficient and secure IT operations. Committed to continuous learning and professional growth, I thrive in dynamic teams and am eager to contribute innovative solutions that enhance business technology infrastructures.

EXPERIENCE

ICT Graduate Trainee

ZimTrade

January 2025 - Present, Harare

- Developed, deployed Enterprise systems, supported and maintained internally developed and third party systems.
- Integrated git actions into the development workflow to automate build, test, and deployment stages, enhancing deployment efficiency and reliability.
- Designed and integrated RESTful APIs using FastAPI and Postman, enhancing data exchange between internal and external enterprise systems.
- Managed the full lifecycle of WordPress website development, from initial design and content integration to ongoing maintenance and updates.
- Built an internal monitoring solution to capture real-time system health data, enabling proactive issue detection and notification of systems status.
- Provided Tier 2 technical support for internal systems and third-party applications, troubleshooting and resolving critical incidents efficiently.
- Managed and configured core network infrastructure, including Sophos firewalls, Cisco, and Ubiquiti switches, Ruckus unleashed APN and virtual servers, ensuring robust connectivity for business operations.
- Microsoft packages support (Azure directory, Emails and 0365 Office suit) automating backups and system monitoring scripts using crone jobs to ensure data integrity and operational continuity.

Technology Services Intern

BancABC

August 2022 - August 2023

- Technology Services Support: Providing Tier 2 technical troubleshooting for hardware, software, and OS installations.
 - Systems Support: Administering Active Directory (Users/GPOs/IAM) and maintaining Windows Server environments.
 - End Of Day Process: Orchestrating automated batch processing, job scheduling, and critical data backups.
 - Provided Tier 2 technical support for Oracle Flexcube core banking system, resolving critical incidents for financial operations.
 - Cyber Security Awareness: Enforcing access controls, performing audits, and deploying security patches.
 - System Maintenance and Support: Executing routine health checks, system upgrades, and preventative maintenance.
 - Network configurations and Support: Configuring TCP/IP, DNS, DHCP, and VLANs while managing VPN/Cisco connectivity.
 - Monitoring (Network and Systems): Tracking real-time server health and network traffic to preemptively resolve downtime.
 - Resolving technical incidents via MS Teams, AnyDesk, TeamViewer, and Wave.
 - Administered Active Directory, managing user accounts, Group Policies, and Identity and Access Management to maintain secure Windows Server environments.
 - Orchestrated automated batch processing, job scheduling, and critical data backups to ensure data integrity and operational continuity for end-of-day processes.
 - Automated end-of-day processes, job scheduling, and critical data backups using cron jobs, ensuring data integrity and operational continuity.
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EDUCATION

Bachelor of Science (Honors) Degree in Computer Science

Bindura University of Science Education • Zimbabwe • Jun 2024 • 4.2

- Awarded the University Book Prize for obtaining a First Class Degree

A'level

Cherutombo High School • Nov 2019

- Pure Mathematics (C) and Computer Science (A).
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CERTIFICATIONS

Introduction to GitOps (LFS169)

Linux Foundation • 2026

- GitOps usage in deploying to a Kubernetes environment with simple pull request from git. Understanding the key principles, practices, tools and benefits of using GitOps.

Introduction to Cloud Infrastructure Technologies

Linux Foundation • 2025

- Familiarization with cloud infrastructure, services and products

Oracle Cloud Infrastructure Certified Architect Associate

Oracle • 2025

- Oracle cloud environment optimization, storage, networking deployment

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Oracle • 2025

- Understand AI and ML Basics: Learn the foundational concepts of AI and ML

Google IT Support Professional

Coursera • 2023

- Basic ICT Support
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SKILLS

Frontend Development: Building responsive with React.js vue.js and Next.js frameworks

Backend: Designing and Building scalable and stable backend using Django, Flask, FastAPI, Express.js, Node, Laravel frameworks. Implementing caching (Redis) and load balancing technologies.

DevOps: CI/CD, Dockerization of Application, Nginx Configurations (Load Balancing, Reverse Proxy, Web-server), Celery, Redis.

API Development and Integration: RESTful API Design, GraphQL, SOAP, JSON, Postman, Swagger for Enterprise API setup. Implementing API security and Optimization.

Artificial Intelligence: Generative AI tools. Prompt Engineering. Building with AI. Implementation and integration of AI in building assistive tools

ICT support (Basic Network troubleshooting and configurations, Software upgrading and configurations)

Cloud computing (Microsoft Azure, AWS, Oracle)

REFERENCES

A. Muzembi

Senior Technology Service Manager • BancABC, Harare • amuzembi@bancabc.co.zw • (Upon request)

Artwell Mukwazhe

Systems Administrator (Manager) • ZimTrade, Harare • amukwazhe@gmail.com • (upon request)