

GRANT DUNCAN MOSHA

Dar es Salaam, Tanzania | +255783393144 | grant3447@gmail.com

GitHub: github.com/grant07 | Portfolio: www.grantmosha.dev

PROFESSIONAL SUMMARY

Security Specialist and Software Engineer with a strong background in application security, infrastructure hardening, and secure system design. Currently serving as Security Lead at the National Identification Authority (NIDA), operating in regulated, high-availability environments. Proven ability to secure systems at the source-code and CI/CD pipeline level while collaborating closely with engineering teams to deliver resilient, auditable, and scalable digital platforms without compromising delivery speed.

PROFESSIONAL EXPERIENCE

NATIONAL IDENTIFICATION AUTHORITY (NIDA) – Dar es Salaam, Tanzania

Computer Systems Administrator (Security Lead) | August 2024 – Present

- Design and enforce Linux and Windows server hardening baselines for mission-critical national systems.
- Conduct vulnerability assessments, analyze findings by risk severity, and coordinate remediation activities.
- Architect and manage secure remote access solutions, including VPNs and overlay networks, aligned with Zero Trust principles.
- Deploy and maintain security tooling using containerization; automate monitoring and detection tasks with Python and Bash.
- Monitor system logs and network traffic; participate in incident response and investigations in compliance with government cybersecurity standards.
- Collaborate with engineering and operations teams to embed secure-by-design practices across system deployments.

PRESSNET SECURE TECHNOLOGY – Mbeya, Tanzania

Network & Security Technician | December 2023 – July 2024

- Executed ICT infrastructure installations with a focus on secure network configuration for enterprise clients.
- Configured routers, switches, and firewalls to establish secure perimeter defenses.
- Provided technical consultation on endpoint protection and secure user authentication mechanisms.

EDUCATION

Bachelor of Science in Cyber Security and Digital Forensics Engineering

University of Dodoma (UDOM) | 2019 – 2023

GPA: 3.8 (Upper Second Class)

Capstone Project: *Virtualized Cybersecurity Training Environment*

Designed and implemented a containerized platform for safe penetration testing and skills development using Docker and Linux network namespaces.

Diploma in Information and Communication Technology (DICT)

St. Augustine University of Tanzania Mbeya (SAUT) | 2017 – 2019

GPA: 5.0 (First Class)

Certificate in Information and Communication Technology (CICT)

St. Augustine University of Tanzania Mbeya (SAUT) | 2016 – 2017

GPA: 5.0 (First Class)

CERTIFICATIONS

- CompTIA Security+
- Cisco Networking Academy: Cyber Security Essentials

TECHNICAL SKILLS

Application Security: Vulnerability Management (OpenVAS, Burp Suite), Secure Code Review, Secure CI/CD Pipelines, OWASP Top 10

Infrastructure & Networks: Linux/Ubuntu Server Administration, Windows Server Hardening, UFW, Fail2Ban, SSH Key Management, Network Segmentation

Software Development: PHP (Laravel), C# (.NET), JavaScript (React/Next.js), Go, Rust, Python (Automation)

DevOps & Platforms: Docker, Docker Compose, Nginx, Apache, VPS Management, Git, GitHub Actions

Governance & Compliance: Personal Data Protection Act (PDPC), ISO 27001 Awareness, Security Monitoring and Incident Handling

REFERENCES

Mr. Ernest Rwiyana, Senior Computer Systems Administrator (Manager, Data Unit), **National Identification Authority (NIDA)** *Relationship:* Unit Manager *Phone:* 0754 982 111 *Email:* ernet.rwiyana@nida.go.tz

Mr. Ezrom Batumunwa, Senior Computer Systems Administrator (Lead Developer), **National Identification Authority (NIDA)** *Relationship:* Senior Technical Colleague *Phone:* 0713 392 625 *Email:* ezrom.batumunwa@nida.go.tz

Mr. George Maembe, Senior Computer Systems Administrator, **National Identification Authority (NIDA)** *Relationship:* Supervisor *Phone:* 0658 104 112 *Email:* george.maembe@nida.go.tz

THE UNIVERSITY OF DODOMA



This is to certify

that

Grant Duncan Mosha

having duly fulfilled the requirements for the award of the

DEGREE OF

**BACHELOR OF SCIENCE IN CYBER SECURITY AND DIGITAL
FORENSICS ENGINEERING**

Second Class, Upper Division

was admitted to the degree at a congregation
held in DODOMA, on the

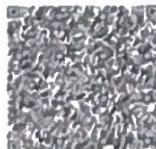
*Thirtieth day of November
in the year Two thousand and twenty three*

John Mwakilwa

Vice Chancellor

Deeop

Deputy Vice Chancellor
(Academic, Research & Consultancy)



THE SAINT AUGUSTINE UNIVERSITY OF TANZANIA



This is to Certify

That

Grant Duncan Mosha

*having satisfied the requirements of the
University and on the recommendation
of the Senate has been awarded*

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY

(First Class)

at a congregation held in Mbeya

On the 30th of November in the year Two Thousand and Nineteen

 Chancellor

Vice Chancellor

*Deputy Vice Chancellor
for Academic Affairs*

55283

Reg. No. SAMB-DICT-55283

Received from the Office of the
Sign  Date 03/12/2023
HALID TWABA MAHUNDI
Advocate, Notary
File & Commissioner for Oaths

THE SAINT AUGUSTINE UNIVERSITY OF TANZANIA



This is to Certify

That

Grant Duncan Mosha

having satisfied the requirements of the University and on the recommendation of the Senate has been awarded

CERTIFICATE IN INFORMATION AND COMMUNICATION TECHNOLOGY

(First Class)

at a congregation held in Mbeya

On the 11th of November in the year Two Thousand and Seventeen

~~tegning af bæltkunsten~~

Chancellor

Vice Chancellor

Deputy Vice Chancellor for Academic Affairs

53593

Reg. No. SAMB-CICT-53593

The National Examinations Council of Tanzania



Certificate of Secondary Education

This is to certify that **GRANT DUNCAN MOSHA**

Index No. **S0101-0172**

sat for the Certificate of Secondary Education Examination
at **TAZANIA SECONDARY SCHOOL**

in **OCTOBER 2012**

and qualified for the award of a
CERTIFICATE OF SECONDARY EDUCATION
in Division **FOUR**

after attaining the following performance:-

Subject	Grade
CIVICS	D (PASS)
HISTORY	D (PASS)
GEOGRAPHY	D (PASS)
KISWAHILI	D (PASS)
ENGLISH LANGUAGE	C (PASS)
BIOLOGY	D (PASS)
BASIC MATHEMATICS	D (PASS)
COMMERCE	D (PASS)
BOOK KEEPING	D (PASS)

Chairperson

Executive Secretary

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this document invalidates it

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NOTES ON RESULTS

1. Certificate of Secondary Education Examination results are indicated as follows:
 - A indicates Excellent
 - B indicates Very Good
 - C indicates Good
 - D indicates Satisfactory
 - F indicates Poor
2. A Pass is awarded if a candidate obtains Grades A, B, C or D. Grade F is considered as Fail.
3. Certificates of Secondary Education are awarded in Four Divisions (of which Division One is the highest and Division Four the lowest) to candidates who satisfy certain conditions as stated in the Examinations Regulations.

ATOMA



Grant Duncan Mosha

has successfully completed the requirements to be recognized as



Code: MKZNYWB6HE4E12KD

Verify at: <http://verify.CompTIA.org>



COMP001022545075

CANDIDATE ID

June 28, 2024

CERTIFICATION DATE

EXP DATE: 06/28/2027

A handwritten signature in black ink that reads "Todd Thibodeaux".

TODD THIBODEAUX, PRESIDENT & CEO