

# GRANT DUNCAN MOSHA

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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 Rwiyaana**, Senior Computer Systems Administrator (Manager, Data Unit), **National Identification Authority (NIDA)** *Relationship:* Unit Manager *Phone:* 0754 982 111 *Email:* ernet.rwiyaana@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*

A stylized signature in blue and green ink, likely belonging to the Vice Chancellor.

Vice Chancellor

A stylized signature in green and blue ink, likely belonging to the Deputy Vice Chancellor.

Deputy Vice Chancellor  
(Academic, Research & Consultancy)



BSC-CSDFE 00005891



# 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*

*[Signature]*  
**Chancellor**

*[Signature]*  
**Vice Chancellor**

*[Signature]*  
**Deputy Vice Chancellor  
for Academic Affairs**

55283

Reg. No. SAMB-DICT-55283

Sign: *[Signature]* Date: 03/12/2019  
HALID TWAHA MAHUNDI  
Advocate, Notary  
He & Commissioner for



# 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*

*[Signature]*

**Chancellor**

*[Signature]*

**Vice Chancellor**

*[Signature]*

**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 **AZANIA 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

This is a secure document using special inks and paper. Hold this document to the light to verify the NECTA watermark and security thread can be seen through the paper. Any alteration or amendment to this document invalidates it.

CS12 0035544



## 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.



# Grant Duncan Mosha

has successfully completed the requirements to be recognized as



COMP001022545075

CANDIDATE ID

June 28, 2024

CERTIFICATION DATE

EXP DATE: 06/28/2027

A handwritten signature in black ink, appearing to read "TThibodeaux".

TODD THIBODEAUX, PRESIDENT & CEO

Code: MKZNYWB6HE4E12KD

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