

# **CURRICULUM VITAE**

**MR CLIVE THATO MADUKE**

## **Contacts: Information**

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## **Objective:**

Detail-oriented and driven Computer Systems Engineering graduate with specialized training in Enterprise Risk Management (ERM) from Botswana Accountancy College. Seeking to leverage academic knowledge and practical skills to contribute effectively as a valuable team member in the field of technology. Eager to apply a strong foundation in computer systems design, development, and troubleshooting to support innovative projects and contribute to the advancement of cutting-edge technologies. Committed to continuous learning and professional growth within a dynamic and collaborative work environment, with a keen focus on integrating risk management practices to enhance organizational resilience and success.

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## **EDUCATION:**

### **UNIVERSITY OF SUNDERLAND AND BOTSWANA ACCOUNTANCY COLLEGE**

#### **Bachelor of Science in Computer Systems Engineering (2016 – 2022)**

My schooling journey at Botswana Accountancy College, in collaboration with the University of Sunderland, led to the completion of a Bachelor of Science degree in Computer Systems Engineering. Through this approved program, I gained practical skills in hardware and software systems, network configuration, and troubleshooting. At the University of Sunderland, I deepened my expertise in computer architecture, operating systems, and software engineering through specialized coursework and collaborative projects. This comprehensive education has equipped me with the necessary skills and knowledge to pursue a successful career in the technology industry.

## Skills

- **Programming Languages:** Proficient in Python, Java and other languages commonly used in software development.
  - **Operating Systems:** Experienced with Windows, Linux, and Unix operating systems adept at troubleshooting and configuration.
  - **Networking:** Knowledgeable in network protocols (TCP/IP, DNS, DHCP), VLANs, routing, and switching; skilled in network configuration and troubleshooting.
  - **Database Management:** Familiar with MySQL, SQL Server, Oracle, and MongoDB; proficient in database design, querying, and management.
  - **Hardware Knowledge:** Understanding of computer hardware components, architectures, and peripherals.
  - **Software Engineering:** Experienced in Agile and Waterfall methodologies, Git version control, proficient in software testing techniques.
  - **Cybersecurity:** Aware of encryption, authentication, access control principles; knowledgeable in security best practices for software and networks.
  - **Systems Analysis and Design:** Skilled in analysing system requirements, designing system architectures, and developing solutions to meet criteria.
  - **Problem-Solving:** Strong analytical skills to identify issues, evaluate alternatives, and implement effective solutions in software and hardware contexts.
  - **Communication:** Effective communicator with team members; capable of conveying technical information clearly and presenting ideas convincingly.
  - **Project Management:** Understanding of project management concepts; skilled in planning, organizing, and executing engineering projects effectively.
  - **Continuous Learning:** Committed to staying updated with new technologies and continuously learning in the rapidly evolving field of computer systems engineering.
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## **Postgraduate Certificate in Enterprise Risk Management**

### **Botswana Accountancy College (February 2024 – June 2024)**

#### **Overview:**

Engaged in a comprehensive and immersive training program focused on Enterprise Risk Management (ERM) at Botswana Accountancy College. This program covered a wide spectrum of ERM concepts, emphasizing the integration of risk management practices within the framework of modern organizations. Through practical exercises, case studies, and interactive workshops, I have developed a deep understanding of how to proactively identify, assess, and mitigate risks, particularly in the context of information systems and cybersecurity. The training also highlighted the importance of aligning risk management strategies with overarching business objectives to ensure organizational resilience and sustainable success.

#### **Skills Developed:**

- Risk identification, analysis, and mitigation within organizational contexts.
- Enhanced understanding of cybersecurity measures and data protection.
- Strategic decision-making to align risk management with business objectives.
- Impact: Prepared to address the complexities of modern enterprises, ensuring the resilience and success of information systems in a technology-driven environment.

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#### **License:**

- Driver's License: Class B
  - First issue: December 2017
  - Expiration Date: December 2027
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## **Professional Experience:**

### **Software Systems Engineer (INDUSTRIAL ATTACHMENT)**

**(02/2019 - 06/2019)**

During my six-month industrial attachment, I played a key role in software development, hardware troubleshooting, and system integration. I streamlined development processes, resolved hardware issues promptly, and enhanced system. Additionally, I contributed to successful project milestones and produced comprehensive technical documentation for knowledge transfer.

### **IT SUPPORT AND DISPATCH SERVICES (2020- 2021)**

As an IT Technician and Dispatcher at Jamal Trading Company Pty Ltd, I maintained the seamless operation of the company's technological infrastructure while also managing the dispatching of trucks. My role involved providing technical support to resolve hardware and software issues, ensuring the smooth functioning of computer systems and networks. Simultaneously, I efficiently coordinated the dispatching of trucks, optimizing routes and schedules to meet delivery deadlines and client demands. Through effective communication and organization, I facilitated streamlined logistics operations while addressing any IT-related challenges that arose. My ability to multitask and adapt allowed me to effectively contribute to both the technological and logistical aspects of the company's operations, ensuring efficiency and customer satisfaction across all fronts.

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## **PROFESSIONAL EXPERIENCE**

### **IT OFFICER INTERN**

Department of National Museum and Monument (DNMM), Gaborone, Botswana  
**December 2023 – Present**

- Provide technical support for the management and maintenance of the department's computer systems and networks.
- Assist staff with computer applications and troubleshooting technical issues.
- Conduct software and hardware upgrades to ensure optimal performance of the department's IT infrastructure.

## **Event Support Specialist**

5TH BOTSWANA BIODIVERSITY SYMPOSIUM, KASANE, BOTSWANA

**3 – 5 July 2024**

- Facilitated the capture of presentation videos for archival and distribution purposes.
  - Managed video conferencing systems to ensure seamless communication between remote and in-person participants.
  - Assisted with virtual presentations, ensuring speakers could effectively share their content with the audience.
  - Supported the symposium's theme "WE CAN'T CONSERVE WHAT WE DON'T KNOW!" by addressing Botswana's taxonomic impediments towards sustainable ecosystem management through technical facilitation.
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## **AWS re/Start cohort program | 28/07/2025 – Present**

*Intensive, project-based cloud training program focused on AWS, Linux, Python, and networking.*

- Developing hands-on skills with core AWS services (EC2, S3, IAM, VPC, Lambda, RDS).
- Building foundational IT competencies in Linux OS, Python scripting, and security fundamentals.
- Applying knowledge through collaborative, Agile project sprints to deploy scalable cloud solutions.

## **Skills**

- Technical support and troubleshooting
  - Video conferencing management
  - Virtual event facilitation
  - Software and hardware maintenance
  - Presentation video capture and editing
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**Certifications:**

- BACHELOR OF SCIENCE IN COMPUTER SYSTEMS ENGINEERING
  - POSTGRADUATE ENTERPRISE RISK MANAGEMENT
  - GOOGLE DATA ANALYTICS: FOUNDATIONS, DATA, DATA EVERYWHERE. (<https://coursera.org/share/f2dacd5444d2a9e88c52e57b8767e36e> )
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**References:** Available up on request