

# CHILUFYA MWAPE

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## PROFESSIONAL SUMMARY

Results-driven ICT professional specializing in database and system security. Skilled in monitoring, assessing, and enhancing security measures to safeguard critical information systems and data. Proven experience in conducting risk assessments, audits, and implementing disaster recovery plans. Proficient at working with stakeholders to enforce security policies and ensure compliance with security standards.

## SKILLS AND CORE COMPETENCIES

- Database Security: Monitoring, assessing, and safeguarding database systems.
- System Security: Risk management, vulnerability scanning, and penetration testing.
- Security Frameworks: Familiar with NIST, ISO 27001, and CIS controls.
- Cloud Security: Experience with AWS and Azure security configurations.
- Programming & Scripting: Python, Linux, SQL for automating security tasks.
- Incident Management: Responding to security breaches and conducting investigations.
- Disaster Recovery: Developing and testing secure disaster recovery plans. Security Framework and compliance

## PROFESSIONAL EXPERIENCE

### Penetration Tester | Ural Center for Security Systems Solutions | Nov 2022 - Jun 2024

- Conducted comprehensive penetration tests across web applications, networks, and systems, identifying critical vulnerabilities.
- Collaborated with stakeholders to implement remedial security measures and strengthen system defenses.
- Developed detailed security reports outlining vulnerabilities and suggested mitigation strategies.
- Conducted security audits, contributing to enhanced compliance with data security standards.

### Data Scientist Intern | Innopolis University, Kazan, Russia | Jan 2021 - Jun 2021

- Analyzed large datasets to identify patterns and trends related to system security.
- Built machine learning models to enhance threat detection and prevention strategies.
- Presented findings to technical and non-technical stakeholders using data visualization techniques.

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## PROFESSIONAL DEVELOPMENT AND TECHNICAL PROFICIENCIES

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### EDUCATION

**Masters of Science in Information Security – 2024**  
Ural Federal University, Yekaterinburg, Russia.

**Level 6 Diploma in project management in information security – 2024**

Ural Federal University, Yekaterinburg, Russia.

**Bachelor of Science in Software and administration of information systems - 2021**

Kazan National Research Technological University, Kazan, Russia

### **TRAININGS AND CERTIFICATIONS**

- Project management in information security | advanced professional diploma - 2024
- Introduction to Cybersecurity | Cisco networking academy - 2024
- Computer simulation | Coursera Learning Platform - 2020

### **AWARD AND MEMBERSHIP**

- Russian Federation Government Scholarship | Winner, Master Track Portfolio - 2022
- Russian Federation Government Scholarship | Winner, Bachelors Track Portfolio - 2017

### **REFEREES**

Available on request