

Nicholas Muchelemba

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CAREER OBJECTIVE

Knowledgeable Software Developer with in-depth knowledge of Java, C# JavaScript, Python and PHP. Skilful in developing, optimizing and reworking systems to meet specific customer requirements. Expertise in writing codes in various languages, developing flowcharts and layouts and integrating software components.

CORE COMPETENCIES

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|----------------------------------|-----------------------|
| • Fluent in Java, Python, C#,PHP | • Computer Vision |
| • SQL expert | • Project management |
| • Drone Programming | • Blazor and Asp.net |
| • Web development | • Data Science and AI |

PROFESSIONAL EXPERIENCE

First Quantum Minerals

Software Developer, April 2021 – Present

- Developing and designing mining compliance application in Blazor with a Sql server database.
- Designing reports in power bi.
- Task Automation using python.
- Machine learning to enhance data prediction of mining BCMs.

National Institute of Public Administration

Software Developer, Oct 2020 – April 2021

- Developing and designing the Online registration module, to be integrated on student management system.
- Implemented and tested features requested to improve product functionality and extend performance.
- Designed user-friendly software interfaces to simplify overall management.
- Introduced automation tools to reduce redundancy and enhance workflow.
- Technologies used include: PHP, JavaScript, Java, JSP, Python. ☑ Automate tasks using python

Global Drone Academy

Software Engineer/Drone Instructor (part time), Jul 2020–Apr 2021

- Writing Python scripts to automate the drone operation.
- Training students on how to safely fly drones and the safely regulation related to drone operation.
- Training students on how to build drones.

Zambia Industrial Commercial Bank

Information Technology Intern, Aug 2020 – Oct 2020

- Digitized User Request and Change Request Systems using ASP.net core (C#).
- Provide support, Error Tracing, Log management Database Administration on the Oracle Database Platform.
- Manage and provide support for Sea Bank Reports (System) Support and manage IT support
- integration with Jira service desk
- Kept software patched and licenses up to date.
- Increased number of resolved job tickets by 50% over previous year.

Bluekey Seidor Zambia

Software Engineer Intern, Jul 2019 – Sep 2019

- Developed an Android prototype application to support the users of SAP business one transport add-on.
- Modified the installer for SAP to reduce installation complexity by 60%.
- Provided SAP support service to clients remotely, this included updating, Database Migration, ☒ installation and licensing.

EDUCATION

Mulungushi University Kabwe

Bachelor of Science: Computer Science, Nov 2020

- Summa cum laude (**Distinction**) graduate
- Best Graduating Student Recipient
- Dissertation: Crop disease detection using machine learning
- ICTAZ Member
- ICTAZ Mulungushi University Chapter Vic President

CERTIFICATION

☒ Huawei Certification (Routing & Switching HCIA) : valid through January 14 2023 ☒
Responsive Web Design (FreeCode Camp)

ADDITIONAL SKILLS

- Unity Game Developer
- Drone pilot and drone Instructor (Global Air Drone Academy)

WEBSITES, PORTFOLIOS, PROFILES

☒ <https://www.linkedin.com/in/nicholas-muchelemba/> ☒
<https://nicholas124.github.io/NicholasMuchelemba/>

REFERENCES

Mining Engineer – First Quantum mining Operation(FQMO)

- **Name:** Mr Niza Mwasile
- **Tel:** +260962890718/0976607529
- **Email:** Niza.Mwasile@fqml.com

Senior Software Developer (Supervisor) - National Institute of Public Administration(NIPA)

- **Name:** Mr Alinaswe Siame
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Head of Department Computer Science - National Institute of Public Administration(NIPA)

- **Name:** Dr Christopher Chembe Phd.
- **Tel:** +260972890297
- **Email:** cchembe@nipa.ac.zm

Manager Information Technology (Supervisor) - Zambia Industrial Commercial Bank

- **Name:** Mr Funwell Malake
- **Tel:** +260966855355
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Chief executive officer (CEO) (Supervisor) - Bluekey Seidor Zambia

- **Name:** Mupota Muchelemba
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Co-founder (Supervisor) - Global Drone Academy

- **Name:** Mr Eno Umoh
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