MR. NICHOLAS BWALLEY

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# CAREER OBJECTIVE

Leveraging extensive experience across a spectrum of programming languages and a specialized proficiency in diverse platforms, I am an experienced backend specialist with a strong affinity for cybersecurity, particularly the Blue Team. My expertise spans across different programming languages like: Java, Python, C++, C#, JavaScript, PHP, HTML, and CSS. In addition, I am well-versed in frameworks such as Django, MERN, and Laravel Stack. I thrive in collaborative environments and am adept at working as a team leveraging version control systems like GitHub. My career objective is to merge my technical prowess and cybersecurity passion to enhance organizational defences and contribute to the digital security landscape.

# EDUCATIONAL BACKGROUND

2021 – 2024 **Strathmore University**

Bachelor of Business Information Technology (BBIT)

2019 –2021 **Strathmore University**

Diploma of Business Information Technology (DBIT): Merit

# WORK EXPERIENCE

**January – March 2023**

# Service Based Learning Internship, Moi Educational Centre

*Responsibilities*

* Mentoring young students.
* Streamlining processes in the institution.
* File Management.
* Teamwork and collaboration.

Link to the Institution Website: BlogSpot:  [https://www.moieducentre.ac.ke/about-us/](https://kycblogs.wordpress.com/)

**September – November 2023**

# Cyber Security Internship, Senselearner

*Responsibilities*

* Introduction to Cyber Security
* Foot-printing and Reconnaissance
* Network Scanning.
* Vulnerability Analysis and Pen-testing
* Exploitation and Post-Exploitation
* Web Application Pen-testing and Report writing

Link to the Institution Website: BlogSpot: https://www.senselearner.com/

# ACHIEVEMENTS

* Strathmore University Dean’s List Award 2021/2022
* Strathmore University Dean’s List Award 2022/2023

# COMPUTER PROFICIENCY SKILLS

Programming Languages: Java, Kotlin, JavaScript, C++, C#, Python, R, PHP.

Frontend-Frameworks: ReactJS, Bootstrap, Material-UI.

Backend-Frameworks: NodeJS, Express-JS, Django STACK, Laravel STACK.

Mobile Development: Android Studio.

Databases: MySQL, MongoDB.

Video-Editing: DaVinci Resolve, Adobe Photoshop CS6, Blender, Audacity.

Microsoft Office: Word, Excel, Access, PowerPoint, OneNote, OneDrive.

# PROJECTS AND PROFILE

Prior Projects Done: <https://github.com/NickBwalley?tab=repositories>

My GitHub Profile: <https://github.com/NickBwalley>

My LinkedIn Profile: <https://www.linkedin.com/in/nick-bwalley-49220a269/>

# LANGUAGES

English Kiswahili

French

Spanish – A2

# EXTRA CURRICULAR ACTIVITIES

* Table Tennis.
* Swimming.
* Fitness/ Cross-fit/Gym.
* Basketball.

# LEADERSHIP POSITIONS HELD

* Library Captain Rockfield’s Senior School Class of 2018.
* Environment Captain Rockfield’s Senior School Year 2017.

# CONTACTS

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Email (School): [nicholas.bwalley@strathmore.edu](mailto:nicholas.bwalley@strathmore.edu)

Via Mobile: **+254 714 394 332**

# REFERENCES

* Dr Allan Omondi – Lecturer Strathmore University and Research Coordinator (Innovation & Master’s Program - amondi@strathmore.edu
* Dr Bernard Shibwabo – Director of Graduate Studies at Strathmore University – (Researcher at Strathmore University) - bshibwabo@strathmore.edu
* Joseph Mungai – Cloud Computing Lecturer Strathmore University – jmungai@strathmore.edu