# CAREER OBJECTIVE

**MR. BWALLEY, NICHOLAS BIIY**

Nationality: Kenyan Tel: **+254 714 394 332**

Email: [nickbiiybwalley@gmail.com](mailto:nickbiiybwalley@gmail.com)

I'm a full-stack software engineer with a strong specialization in the MERN stack (MongoDB, Express.js, React.js and Node.js). While my expertise extends to various programming languages like Python, C#, and C++, I'm particularly passionate about building modern web applications.

I'm actively expanding my skillset to integrate and automate tasks using AI and Machine Learning. Notably, I am a highly proficient typist, typing at average speed of 120 wpm, enabling me to efficiently tackle projects and meet deadlines. I thrive in collaborative environments and leverage version control systems like Git (GitHub) to seamlessly work within teams.

# CONTACTS

* Email (Personal): [nickbiiybwalley@gmail.com](mailto:nickbiiybwalley@gmail.com) | [nickbwalley@gmail.com](mailto:nickbwalley@gmail.com)
* Email (School): [nicholas.bwalley@strathmore.edu](mailto:nicholas.bwalley@strathmore.edu)
* Via Mobile: **+254 714 394 332 PROFILE AND PROJECTS**
* My LinkedIn Profile: [Nick Bwalley | LinkedIn](https://www.linkedin.com/in/nick-bwalley-49220a269/)
* My GitHub Profile: <https://github.com/NickBwalley>
* My Prior Projects Done: <https://github.com/NickBwalley?tab=repositories>

# EDUCATIONAL BACKGROUND

2021 – 2024 **Strathmore University**

Bachelor’s in Business Information Technology (BBIT): First-Class Honors: GRADE (A)

2019 –2021 **Strathmore University**

Diploma in Business Information Technology (DBIT): Merit: GRADE (B)

2017 –2018 **High-School: Rockfield’s Senior School**

KCSE GRADE: (C Plain)

# WORK EXPERIENCE

**January - June 2024**

# Turbo G and K Networks Limited, Internship

*Responsibilities*

* + Installation of fast affordable internet services (From Tier2 to Clientele).
  + Frontend and Backend development.
  + Web design using Figma, development and deployment.
  + Configuration of Switches, Routers, Splitters, ODF’s.
  + Networking and internet installation, troubleshooting.

Link to the Institution Website: BlogSpot: <https://gandkturbo.co.ke/>

**September – December 2023**

1. **Cyber Security Internship at 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/>

**January – March 2023**

1. **Service Based Learning (Community Based Attachment) at 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/>

# TECHNICAL SKILLS

* Programming Languages: Java, JavaScript, Python, PHP.
* Frontend-Frameworks: ReactJS, TypeScript, Bootstrap, Tailwind CSS.
* Backend-Frameworks: NodeJS, Express-JS, Django, Laravel.
* Full Stack Frameworks: Laravel Stack, MERN Stack.
* AI Technologies: TensorFlow, PyTorch, Keras, SciKit-Learn, Jupyter Notebook.
* Cloud Technologies: AWS Cloud Practitioner.
* Mobile App Developer: React-Native, Kotlin.
* Business Intelligence: R, RStudio, R-Pubs, Swagger, Plumber-API.
* Databases: MySQL, MongoDB.

# Touch Typist: 120WPM (Words Per Minute) on Average.

* Blender skills for animation.

# VIDEO EDITING SKILLS

* Video-Editing: DaVinci Resolve 18.6, Adobe Photoshop, Cap Cut, Audacity.
* Microsoft Office: Word, Excel, Access, PowerPoint.

# ACHIEVEMENTS

* Strathmore University Dean’s List Award 2021/2022.
* Strathmore University Dean’s List Award 2022/2023.
* 3rd Place Award Weightlifting Competition Strathmore University Sports Day 2023.

# LANGUAGES

* English – Fluent.
* Swahili – Fluent.
* French – Fluent.
* Svenska – Learning.

# EXTRA CURRICULAR ACTIVITIES

* Swimming.
* Fitness Coach/Gym trainer.
* Marathon Runner.
* Arm-Wrestler – Professional.
* Table-tennis.
* 8-Ball Pool Master.

# REFERENCES

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