

MR. BWALLEY, NICHOLAS BIIY

Nationality: Kenyan

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CAREER OBJECTIVE

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): nickbiybwalley@gmail.com | nickbwalley@gmail.com
- ✓ Email (School): nicholas.bwalley@strathmore.edu
- ✓ Via Mobile: +254 714 394 332

PROFILE AND PROJECTS

- ✓ My LinkedIn Profile: [Nick Bwalley | LinkedIn](#)
- ✓ 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

A. 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

B. 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

C. 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.
- ✓ Spanish – 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
- ✓ Mr. Joseph Mungai – Cloud Computing Lecturer at Strathmore University – jmungai@strathmore.edu
- ✓ Dr Allan Omondi – Senior Database Lecturer at Strathmore University and Research Coordinator (Innovation & Master's Program) - amondi@strathmore.edu