

# **RESUME**

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**GitHub:** <https://github.com/Ben-Njoroge>

## **Professional summary**

Aspiring IT Professional and Business Information Technology student with a strong foundation in **Machine Learning, Full-Stack Web Development, and Cyber Security**. Proven ability to build end-to-end AI solutions and secure web applications. Fast learner with a track record of completing technical certifications in Network Administration and Linux. Seeking to leverage technical expertise in a [Job Title, e.g., Junior Developer or Data Analyst] role.

## **Technical Skills**

- **AI & Machine Learning:** Python (Scikit-learn, TensorFlow/Keras), Pattern Recognition, Data Classification.
- **Web Development:** HTML5, CSS3, JavaScript, Web-based System Architecture, Backend Integration.
- **Programming:** Python (Advanced), SQL, Scripting.
- **Networking & Security:** Network Administration (Cisco), Linux Essentials, Cyber Security Fundamentals.
- **Tools & OS:** Git/GitHub, Linux (Ubuntu/Debian), VS Code, Cisco Packet Tracer.

## **TECHNICAL PROJECTS**

### **Spam Filter System | Machine Learning**

- Developed a predictive model using Python to classify and filter unsolicited emails.
- Implemented Natural Language Processing (NLP) techniques to improve detection accuracy.

[View Code on GitHub]: <https://github.com/Ben-Njoroge/spam-filter-application>

### **Flower Classifier System | AI & Computer Vision**

- Built an image recognition system capable of identifying flower species with high accuracy.
- Utilized deep learning frameworks to train models on diverse datasets.

[View Code on GitHub]: <https://github.com/Ben-Njoroge/flower-image-classifier>

### **Interior Design Web System | Full-Stack Development**

- Designed and deployed a web-based platform for interior design visualization.
- Managed the integration of a user-friendly frontend with a robust backend database.

### **Animation Streaming Website | Web Development**

- Created a responsive platform for hosting and viewing animated films/movies.
- Optimized media loading speeds and UI/UX for an enhanced viewing experience.

## **EDUCATION**

**Dedan Kimathi University of Technology (DeKUT)** *Bachelor of Science in Business Information Technology* **Expected Graduation: May 2026**

- **Relevant Coursework:** Business Intelligence, Database Management, Network Security, Systems Analysis & Design.

## **CERTIFICATIONS**

- **Cisco Certified:** Network Administration
- **Cisco Certified:** Linux Essentials