

# NICHOLUS KIRIINYA NKONGE

## Personal information.

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LinkedIn: [www.linkedin.com/in/nicholus-kiriinya-nkonge-data-scientist](https://www.linkedin.com/in/nicholus-kiriinya-nkonge-data-scientist)

GitHub: <https://github.com/KLAUS-33>

Nationality: Kenyan

Date of Birth: 23/04/2004

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## Personal Statement

I am a passionate and driven Software Engineering student with a strong foundation in data analytics, web development, and software design, demonstrated through projects like the Smart Election System and Car Rental Project. My technical expertise in Python, JavaScript, and data visualization tools, combined with certifications in Python, Data Analytics, and Web Development, reflects my commitment to continuous learning and innovation. I thrive in collaborative environments, leveraging my problem-solving skills and leadership experience to deliver impactful solutions. Eager to contribute to a dynamic organization, I aim to apply my skills in a practical setting while growing as a professional in the tech industry.

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## **Education**

### **Bachelor of Science in Software Engineering**

Murang'a University of Technology, Kenya

Expected Graduation: August ,2026

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## **Certifications**

- Cisco Certified Python and Data Analytics Essentials
  - Certified Web Developer (FreeCodeCamp)
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## **Technical Skills**

- Programming Languages: Python, JavaScript, Kotlin
  - Web Development: HTML, CSS, JavaScript, MySQL, XAMPP
  - Tools & Technologies: Android Studio, Visual Studio Code, Anaconda, Git
  - Data Analytics: Business Intelligence (BI), Machine Learning (ML), Data Visualization
  - Graphic Design and Video Editing.
  - Excellent Communication Skills.
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## **Projects**

### **Smart Election System**

- Developed a secure and efficient election management system using Python,flutter and SQL.
- Implemented features for voter registration, vote casting, and real-time result tallying.

- Integrated face detection using Machine Learning to enhance voter authentication and security

**Ronny Ian The 10th Mut Website** – [ronnyianthe10thmut.co.ke](http://ronnyianthe10thmut.co.ke)

**Tech Stack:** TypeScript, React, Next.js, MySQL

- Developed and contributed to the website using **Next.js** for server-side rendering and performance optimization.
- Implemented **TypeScript** for better code maintainability and type safety.
- Worked on **dynamic UI components** and **API integrations** to enhance user experience.
- Optimized performance and SEO using **Next.js features like static generation (SSG) and server-side rendering (SSR)**.

### **Car Rental Project**

- Designed and developed a web-based car rental platform, integrating a MySQL database for user information and vehicle management.
- Implemented user login functionality and real-time data updates for inventory tracking.

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### **Leadership**

- High School Leadership Role, Miathene Boys High School  
Demonstrated leadership skills by organizing school events and managing student teams, fostering a collaborative environment.

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### **Extracurricular Activities**

- Active participant in university tech clubs, contributing to hackathons and coding competitions.
  - I played hockey in high school.
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## **Languages**

- English (Fluent)
  - Swahili (Fluent)
  - Chinese (Beginner)
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## **Interests**

- Data Science, Business Intelligence, Open-Source Contributions, Reading motivational books
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## **Referees**

### **Dr. Peter Mwangi**

Lecturer, Murang'a University

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