

# COLLINS KIPKORIR

## Electronics & Computer Engineer

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🌐 <https://collinskipkorir.netlify.app/> 🔗 [linkedin.com/in/collins-73kipkorir](https://www.linkedin.com/in/collins-73kipkorir) 🐙 [github.com/kipkorir73](https://github.com/kipkorir73)

### Profile

Electronics and Computer Engineering graduate from Kirinyaga University (2024) with additional training from Moringa School's Software Engineering Bootcamp (2023). Skilled in frontend development and passionate about creating user-friendly interfaces. Strong foundation in computer engineering principles and eager to apply my skills to real-world challenges while advancing professionally.

### Skills

**Frontend Development** — Competent  
HTML, CSS, JavaScript, React, Bootstrap

**Version Control**  
Git, GitHub

**Electronics Skills**  
Circuit design and analysis, PCB design,  
microcontroller programming (Arduino)

**Design Tools**  
Figma, AutoCAD (for ECE projects)

#### Soft Skills

- **Problem-Solving** – Ability to analyze issues and develop efficient solutions.
- **Teamwork & Collaboration** – Experience working in teams, especially in projects and hackathons.
- **Communication Skills** – Strong written and verbal communication for technical and non-technical audiences.
- **Adaptability & Continuous Learning** – Passion for learning new technologies and adapting to industry trends.
- **Time Management** – Ability to handle multiple tasks and meet deadlines efficiently.

**Software Tools**  
Proteus

**Development Tools**  
Visual Studio Code, Chrome Developer Tools

### Languages

**Swahili**  
Native Proficiency

**English**  
Full Professional Proficiency (C2)

### Interests

- Exploring new frontend frameworks and web technologies
- Participating in hackathons and coding challenges
- Learning about advancements in artificial intelligence and automation

### Certificates

**Bachelor of Technology in Electronics and Computer Engineering**  
Kirinyaga University (Graduated: September 2024)

**Software Engineering Bootcamp Certificate**  
Moringa School (Graduated: November 2023)

## Education

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<b>Bachelor of Technology in Electronics and Computer Engineering,</b> <i>Kirinyaga University</i>	09/2020 – 04/2024 Kenya
<b>Software Engineering Bootcamp,</b> <i>Moringa School</i>	05/2023 – 11/2023 Nairobi, Kenya

## Professional Experience

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<b>Underground Cable Fault Detection</b> <i>Final-Year University Project (Collaborative Team of Three)</i>	09/2023 – 04/2024 Kirinyaga, Kenya
<ul style="list-style-type: none"><li>Designed and implemented a system for detecting faults in underground cables using microcontrollers, sensors, Proteus, IoT solutions.</li><li>Tested the system under simulated conditions, achieving 80% accuracy in fault detection.</li><li>Collaborated effectively with two colleagues, ensuring project milestones were met within the set timeline.</li><li>Presented findings to a panel, receiving positive feedback for innovation and practical application.</li></ul>	

## References

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**Nicholas Mwangi**, Gaucho Mabati  
nmgwmwangi@gmail.com, 0796450011

**Kennedy Kihara**  
0714782110

## Social Links

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- **Portfolio:** <https://collinskipkorir.netlify.app/> 
- **LinkedIn:** [linkedin.com/in/collins-73kipkorir](https://www.linkedin.com/in/collins-73kipkorir) 
- **GitHub:** [github.com/kipkorir73](https://github.com/kipkorir73) 