



Wycliff Karanja

Email: Wycliffkimani9@gmail.com

Phone: 254793790005

Location: Ruiru, Kenya

LinkedIn: [Linkedin.com/in/wycliff-kimani](https://www.linkedin.com/in/wycliff-kimani)

Temporary Website: <https://wycliffkimani.netlify.app/>

PERSONAL STATEMENT

I am a motivated IT professional with a strong background in software engineering, data analysis, mobile app development, and artificial intelligence. Through academic work and hands-on projects like AgroAI, an AI-powered crop health diagnostic app, and FarmPulse, a data-driven agricultural analytics platform, I have learned to design and deploy technology that addresses real-world challenges. My skills include Android development, machine learning, data visualization, and systems design. I am passionate about using technology to drive sustainability, improve efficiency, and empower communities. Along with my technical skills, I bring adaptability, a growth mindset, and professionalism in team settings. I want to contribute to innovative organizations where I can support meaningful projects, develop my skills, and use new technologies to tackle important issues.

Skills

Technical Skills

- Python Programming
- Android Mobile Development
- Machine Learning
- SQL Databases
- Data Analysis
- PHP Programming
- Software Development

Tools and Platforms

- GitHub
- Jupyter Notebook
- Android Studio
- VS Code

Professional Skills

- Report writing and Documentation
- Collaboration and Teamwork
- Communication Skills

Work Experience

AgriTech Analytics | Spur Mall Kenya

Junior Data Analyst

Jun.2024 - Jul.2025

- Collected, cleaned, and organized agricultural datasets including crop health, weather patterns, and pest/disease records to support model training and analysis.

- Designed and maintained data entry work flows to ensure accuracy and consistency in gathering data from various sources.
- Worked with developers and researchers to prepare datasets that powered AI-driven features of the Farmpulse application.
- Carried out exploratory data analysis (EDA) to find patterns and insights helpful for decision-making in precision farming.
- Documented data collection processes and created reports to help stakeholders understand data-driven insights.

AfricarTrack International Limited | Nairobi Kenya

Information Technology Intern

May.2023 - Jun.2024

- Assisted in resolving hardware, software, and network issues to maintain smooth IT operations.
- Supported the setup and maintenance of computer systems, ensuring security updates and patches were applied.
- Provided technical support to technicians, improving system usability and reducing downtime.
- Helped document IT processes and user guides for internal reference and referencing.
- Worked with the IT team on small projects, including system upgrades and software installations.

Education

Zetech University | Ruiru Kenya

Information Technology , Bachelor of Science

Sep.2021 - Aug.2025

As a continuing student in my final year at Zetech University, I have built a solid foundation in software engineering, mobile application development, databases, networking, and machine learning. My studies have focused on practical work and research, allowing me to apply theoretical knowledge to real world problems. For my final project, I am creating AgroAI, an AI-powered Android app that diagnoses crop pests, diseases, and nutrient deficiencies. It also gives farmers practical advice for precision farming. This experience has

improved my skills in machine learning and mobile development. It has also shown my ability to create effective, technology-based solutions for agriculture.

Languages

- English - Proficient
- Swahili - Native

References

Maryanne Gichanga

CEO, Agritech Analytics

☐ +254720476772

☐ maryannegichanga@gmail.com

Boniface Gichanga

Head of Operations, AfricarTrack International Limited

☐ +254 100104410

☐ boniface@africartrack.com

David Kanyi

HOD, Department of IT - Zetech University

☐ +254755278005

☐ David.kanyi@zetech.ac.ke

SUMMARY

Motivated IT professional skilled in software engineering, data analysis, mobile app development, and artificial intelligence. Experienced in delivering practical solutions like AgroAI and FarmPulse. I have strong expertise in Android development, machine learning, and data visualization. I am passionate about using technology to promote sustainability and efficiency while contributing effectively in team settings.