

## CURRICULUM VITAE

Name: King lee

Profession: Computer Scientist

### Personal Statement

A passionate and results-driven computer science professional specializing in database systems, software development, and data-driven solutions. With a solid foundation in programming, algorithm design, and system optimization, I excel in crafting innovative solutions to complex problems. Experienced in SQL, Java, Python, and cloud technologies, I am committed to leveraging technology to enhance efficiency and scalability in various domains.

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### Achievement

- Conducted free coding sessions for high school students in underserved communities.
  - Designed and implemented a dynamic e-commerce website using Java and MySQL.
  - Successfully collaborated with a team of 5 to develop a school management system project
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### Education

Bachelors Computer Science

2023-2026

**Mount Kenya University, Thika, Kiambu**

Expected Graduation: April 2026

Relevant coursework: Software Engineering, Artificial Intelligence, Web Development, Cyber Security and Database systems.

### Projects

- PEGRI (Plastic Eco Green Recycling Initiative)
- Chatbot (voice)
- Music player system

2019-2022

**Aquinas High school, Nairobi**

Kenya Certificate of Secondary education.

2015-2018

**Mwimbi Primary school, Tharaka Nithi**

Kenya Certificate of Primary school.

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## Skills

### Technical Skills

- Programming Languages: Proficient in Java, Python, C++, HTML/CSS, JavaScript.
- Cybersecurity: Knowledge of encryption, firewalls, penetration testing, and ethical hacking.
- Machine Learning & AI: Basic understanding of algorithms, scikit-learn, TensorFlow, and PyTorch.
- Database Management: Familiar with SQL, MySQL, MongoDB.

### Soft Skills

- Problem-Solving: Logical thinking and ability to debug and optimize code.
  - Communication: Ability to explain technical concepts clearly to non-technical audiences.
  - Team Collaboration: Experience working in group projects.
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## Experience

### Academic Experiences

- Completing a major project as part of your coursework, like creating a web application or developing a machine learning model.
- Collaborating on team assignments, such as developing a system or analyzing large datasets.
- Gaining hands-on experience through labs, coding assignments, or technical exercises.

### Internship Experiences

**Web Development Internship**-worked with *PEGRI* and developed their web page using Django a python framework.

### Extracurricular Activities

Contributing to open-source projects on platforms like GitHub.

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## Certification

Bachelors Degree in progress

Kenya certificate of secondary education-available

Kenya certificate of primary education-available

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## Projects

- **Shoestore**  
It is an e-commerce website built with CSS HTML and JAVASCRIPT which help to sell shoes online.
  - **aichatbot**  
It's a voice recognition chatbot which listens to users voice and determines the output, I created the chatbot using Python.
  - **Locker**  
Its an system developed to show how states and transitions work on a Turing machine in automata.  
(all this projects are available on my Github page)
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## Hobbies and interests

### Interests

Enjoy solving coding challenges and creating efficient algorithms.  
Keen on learning about ethical hacking and securing systems.  
Exploring AI techniques and their real-world applications.  
Interested in analyzing datasets to uncover insights and patterns.

### Hobbies

I enjoy swimming, listening to music, reading motivational books, writing codes and spending time with friends and family.

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## Contacts

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## References

Available upon request