

# EMMANUEL LOTER JOEL

0795080677

[joelluke100@gmail.com](mailto:joelluke100@gmail.com) . [emmajoloter@gmail.com](mailto:emmajoloter@gmail.com)

I am Joel Loter, a 24-year-old aspiring Backend Developer with a Bachelor of Science in Applied Computer Science from Chuka University. With four years of programming experience, I have honed my skills in Python, Django, Java, React, and Cybersecurity. My professional journey includes roles as an IT Support Technician, where I developed a strong foundation in troubleshooting and system management. Passionate about AI, app development, and game development, I am eager to contribute my expertise to innovative projects and continue growing in the tech industry.

## EDUCATION

**SEPT 2020 – APRIL 2024**

**BCS APPLIED COMPUTER SCIENCE, CHUKA UNIVERSITY**

I have graduated with a Bachelor's of Science in Applied Computer Science from Chuka University, specializing in Java, Python, cybersecurity, tech support, web design, and software engineering. Throughout my studies, I worked on various IT-related projects and systems since my first year. In addition to my programming expertise, I possess skills in cybersecurity and tech support. Now that I have completed my degree, I am eager to apply my skills and knowledge to new opportunities in the tech industry.

**2016 - 2019**

**SECONDARY SCHOOL, NAMBALE BOYS HIGH SCHOOL**

I attended Nambale Secondary School for four years, excelling in basketball and actively participating in extracurricular activities. I was a member of the debate club and played a key role in the drama club, where I performed exceptionally well, qualifying up to the regional level. Academically, I passed my KCSE exams with a B-, achieving strong grades, including a B+ in Mathematics, B- in English and Kiswahili, C+ in Physics, B in History and CRE, and solid performances in other subjects. My well-rounded experience reflects both academic capability and leadership in extracurricular activities.

2008 - 2015

## **PRIMARY EDUCATION, ST BERNADETTE MARY SCHOOL**

I went through my primary education St Bernadette Mary school. I was into leadership and I took the role as the head boy in 2015. I passed my primary education with 374 marks.

---

## **SKILLS**

### **Technical Skills:**

- **Web Design & Development** (HTML, CSS, JavaScript)
- **Front-End Development** (React, Vue, or Angular - if applicable)
- **Back-End Development** (PHP, Java, Python)
- **Java Programming** (For Web Servers & Java Systems)
- **CS-Cart Customization** (Themes, Plugins, and Modules)
- **Database Management** (MySQL, PostgreSQL)
- **RESTful API Development & Integration**
- **Git Version Control & CI/CD Pipelines**
- **Server-Side Performance Optimization**
- **Debugging & Performance Testing**

### **E-Commerce & System Integration:**

- **CS-Cart Customization & Development**
- **Payment Gateway Integration**
- **ERP System Integration**
- **Third-Party API Integration**

### **Security & Compliance:**

- **Implementing Security Measures for Customer Data Protection**
- **Applying Security Patches & Updates**
- **Data Protection Regulations Compliance**

### **Soft Skills:**

- **Public Speaking & Project Presentation**
- **Marketing & Business Development Skills**
- **Strong Problem-Solving & Troubleshooting Skills**
- **Code Review & Mentorship**

- **Agile Development & Fast-Paced Work Adaptability**
- **Effective Communication & Collaboration**
- **Documentation & Risk Assessment**

## EXPERIENCE

---

### Professional Experience

- **Senior IT Technician – Estream EA Limited**

*Jan 2025 – March 2025*

As a Senior IT technician at Estream EA Limited, I was responsible for providing OS support, ensuring smooth system operations, and troubleshooting technical issues. I managed printer setup, maintenance, and troubleshooting, ensuring seamless functionality across the organization. Additionally, I handled software maintenance, including installations, updates, and debugging, to optimize performance. My role also involved web development, contributing to both front-end and back-end improvements. I supported network and hardware troubleshooting, maintaining IT infrastructure efficiency, and provided technical assistance to employees, resolving IT-related challenges promptly and effectively.

- **IT intern – Estream EA Limited**

*May 2024 – December 2024*

Gained hands-on experience in tech support and computer administration. Assisted with troubleshooting, system configuration, and IT infrastructure support. Additionally, contributed to the development and design of websites for several companies during my internship.

- **Attaché – Estream EA Limited**

*May 2023 – August 2023*

Worked in tech support and computer administration, handling hardware and software maintenance tasks. Developed websites for clients, applying both web design and development skills to meet company needs.

## Academic Projects

- Worked on various IT-related projects and systems throughout my university studies, applying skills in programming, cybersecurity, web design, and technical support.
- 

### Passions:

- Developed a personal project that uses machine learning to predict the weather in real-time -  
Participated in a hackathon where I developed an app that helps search and update a recipe into a ruby database
- Contributed to open-source projects such as TensorFlow and PyTorch.

### Activities:

- Member of the coding club at Chuka university
- Participated in a robotics competition in Chuka university where I helped design and build a robot that could navigate a maze
- Held leadership roles within the coding club, including Vice President and Treasurer

### Giving back:

- Volunteered at a local non-profit organization where I helped teach coding to underprivileged students
- Mentored other students who were interested in software engineering

### Leadership and volunteer experiences:

- Served as a mentor for incoming freshman students in the computer science program
- Volunteered at a local orphanage where I helped with fundraising efforts

### Publications, certifications, languages and more:

- Published a research paper on machine learning in the Journal of Machine Learning Research
- Certified in AWS Solutions Architect - Associate
- Certified in STATA and SPSS

## REFERENCES

1. **Oliver Ogutu**

*Tech Lead, eStream EA Limited*

Email: [oliver@estream.co.ke](mailto:oliver@estream.co.ke)

Phone: 0724472133

2. **Alex Mwanzia**

*Senior Developer, eStream EA Limited*

Email: [alex@estream.co.ke](mailto:alex@estream.co.ke)

Phone: 0791642038

3. **Doris Njoroge**

*HR Manager, Promasidor Kenya Limited*

Email: [doris.njoroge@promasidor.com](mailto:doris.njoroge@promasidor.com)

Phone: 0725462893

4. **Dr. David Gitonga**

*Professor, Chuka University*

Phone: 0722395597

---

### NOTE:

- Worked professionally with Oliver Ogutu, Alex, and Doris Njoroge for a cumulative period of 1 year.
- Collaborated with Dr. Gitonga throughout my 4-year academic journey at Chuka University.