

# FRANCIS SHOKE NGOSIANGA

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## ABOUT ME

I am a driven tech enthusiast and computer science student, passionate about harnessing technology to transform society. With a strong foundation in web development, software engineering, and AI, I strive to create innovative solutions for real-world challenges. I am also involved in community-focused initiatives, blending my technical expertise with social impact to bridge digital gaps and empower others. My journey is fueled by curiosity, continuous learning, and a commitment to making a difference through technology.

## STRENGTHS AND EXPERTISE

- Web Development:** Proficient in HTML, CSS, JavaScript, and frameworks like Bootstrap and Django.
- Software Development:** Skilled in designing and implementing software solutions tailored to specific needs.
- AI and Machine Learning:** Experienced in leveraging AI to innovate and solve real-world problems.
- Networking:** Strong understanding of system architecture and network design.
- SEO and Digital Marketing:** Knowledgeable in optimizing web presence for visibility and engagement.
- Graphic Design:** Creative approach to design, delivering compelling visuals for branding and projects.

## PROFESSIONAL EXPERIENCE

**Kajiado County Government**  
**Attachee**

**MAY-AUGUST 2024**

During my attachment at the Kajiado County Government, I gained invaluable hands-on experience in technology and its application within a government setting. My primary focus was on enhancing my technical skills through various tech-oriented courses and practical projects.

Accomplishments:

- Exposure to Diverse Technologies:** I participated in workshops and training sessions, sharpening my skills in web development, software design, and networking.
- Collaborative Projects:** Worked closely with the IT team on initiatives aimed at streamlining administrative processes through digital solutions.
- Community-Centric Solutions:** Contributed to projects that bridged the digital divide, particularly in rural settings, aligning with the county's development goals.
- Professional Development:** Enhanced my understanding of governance and the critical role of technology in public service.

**University Of Kabianga**  
**Software Development**

**OCTOBER 2023-MARCH 2024**

Curriculum Project: Face Security System Development

As part of my academic curriculum, I designed and developed a Face Security System. This project integrated advanced AI and computer vision technologies to create a robust and secure access control solution. The system focused on leveraging facial recognition for authentication, ensuring precision, and addressing real-world security challenges. Through this initiative, I gained hands-on experience in AI modeling, algorithm optimization, and seamless system implementation.

**Data Synchronization Project: TiBERbu Health System**

I collaborated with a team on the synchronization of critical health data into the TiBERbu Health System at Kapkatet Level 4 Hospital. This project was conducted in partnership with the World Health Organization and Absa Bank. My role involved ensuring data accuracy and integration to streamline health information management, enhancing operational efficiency within the hospital. This experience strengthened my skills in data management, system integration, and collaborative problem-solving in a healthcare setting.

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**EDUCATION****SEPTEMBER 2021-DATE****UNIVERSITY OF KABIANGA**

Undergraduate in Bachelor of science in Computer Science

**OLKEJUADO HIGH SCHOOL****2017-2021**

Kenya Certificate Of Secondary Education

**LOOLAKIR PRIMARY SCHOOL****2008-2015**

Kenya Certificate Of Primary Education

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**HOBBIES**

- Coding
- Playing chess

**REFEREES**

David Lulunken  
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