

# NDUNG’U JAMES NG’ANG’A

Software Engineer || TVET Trainer

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## Summary

Passionate about leveraging technology to solve real-world problems and create impactful solutions. Driven by a love for learning and applying innovative technologies.

## Skills

**Frontend Development:** HTML, CSS, Tailwind, JavaScript, React.

**Backend Development:** NodeJS, Python, Django.

**Database:** SQL, MongoDB.

**Version Control:** Git and GitHub

**Soft Skills:** Problem Solving, Team play, Communication, Training

## Technical Experience

**Full-stack Software Engineer**

**2023 - Present**

*Self*

- Developed a fully functional **event booking web application** using **React**, **NodeJS**, and **MongoDB**, providing seamless booking for over 50+ test users.
- Designed and implemented an **e-commerce site** with full cart functionality using **React** and **MongoDB**, ensuring a responsive and user-friendly experience.

**TVET Trainer - ICT**

**2024 - Present**

*Thika Technical Training Institute*

- Conducted hands-on training for **150+ students per semester** in core ICT topics i.e. **relational databases** and **computer networking**, improving their practical problem-solving skills by 30% (measured via assessments).
- Designed tailored coursework and assessments, leading to an increase in course completion rates by 25%.

## Projects

**Tiketa**

- Event management app** with ticket booking functionality built using **React**, **NodeJS**, **MongoDB**, and **Tailwind CSS**.
- Features include user authentication, event creation, and ticket purchase with Mpesa integration.
- Live link - <https://tiketa.vercel.app>

**James Store**

- E-commerce website** with dynamic shopping cart functionality, developed using **React**, **NodeJS**, **MongoDB**, and **Tailwind CSS**.
- Includes product filtering, cart management, and responsive design.
- Live link - <https://james-store-with-node-backend.vercel.app>

## Education

**BSc. Computer Security and Forensics**

**2018**

*Jaramogi Oginga Odinga University of Science and Technology*

**Certification - Software Engineering**

**2023**

*Moringa School*