

# Samson Thuo

Backend Developer · Kenya

[thuosonkariuki@gmail.com](mailto:thuosonkariuki@gmail.com) | +254 114 071 456 | [linkedin.com/in/samsonthuo](https://linkedin.com/in/samsonthuo) | [github.com/thuodev](https://github.com/thuodev)

## SUMMARY

---

Second-year Computer Science student at MMUST focused on backend development with Node.js and PostgreSQL. I build REST APIs, design relational databases, and ship working projects end to end.

## EDUCATION

---

### Bachelor of Science in Computer Science

2025 – Present

Masinde Muliro University of Science and Technology (MMUST), Kenya

## EXPERIENCE

---

### CodeAlpha Virtual Internship – Backend Development

July 2026

- Completed a one-month virtual internship in backend development (certificate issued 31 July 2026).

## PROJECTS

---

### MkulimaHub – multi-farm management system

[Live demo](#) | [Code](#)

A full-stack system built with Node.js, Express, PostgreSQL and React for managing multiple farms, including fields, inputs, stock and livestock. It uses JWT authentication with bcrypt and role-based access (owner, manager, worker) checked per farm, and tracks balances by summing logged movements like a ledger instead of storing a single number. It also has Redis caching, automated email invites and password reset by email, and is deployed on Render.

### Rentlord – rent management for landlords

[Code](#)

A Node.js and PostgreSQL app that helps landlords register tenants and units and track who has paid. It sends tenants email reminders before rent is due. It also includes M-Pesa STK Push for collecting rent.

## SKILLS

---

**Languages:** JavaScript, SQL, HTML, CSS

**Backend:** Node.js, Express, REST APIs, JWT authentication

**Databases:** PostgreSQL, Redis

**Tools:** Git, GitHub