

Hassan Abdulahi Hassan

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CAREER OBJECTIVE

As a current computing undergraduate at Oshwal College, I am deeply enthusiastic about specializing in the captivating field of cyber security. Currently in my second year of a four-year program, I am actively seeking an intern position that will allow me to apply and expand my knowledge in this critical domain. With a passion for safeguarding digital assets and a strong desire to contribute to the cyber security field, I am eager to learn from experienced professionals and become a valuable asset to your esteemed organization's security initiatives.

CORE SKILLS.

- **Software Development:** Laravel, PHP, JavaScript, Python
- **Databases:** MySQL, PostgreSQL
- **AI & Automation:** AI-powered chatbots, anomaly detection, report generation
- **Networking & IT Support**
- **Cloud Computing:** AWS, Google Cloud
- **Cybersecurity Fundamentals**
- **System Analysis & Problem Solving**

Founder & Developer – Tayo Host

(2021 – Present)

- Established and manage a digital services company offering hosting, SaaS, and IT solutions.
 - Designed, developed, and deployed multiple **SaaS systems**:
 - **Tayo Ledgers** – Airline & Cargo Accounting System (Laravel).
 - **Tayo PMS** – Property Management System with AI-powered reports & chatbot.
 - Other custom SaaS solutions developed for **Garaad Solutions** (Laravel + AI).
 - Implemented secure system architectures and user authentication (MFA, OTP, QR login).
 - Automated deployment with GitHub Actions and DigitalOcean droplets.
 - Ensured system resilience through regular monitoring, vulnerability testing, and backups.
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Web Developer & IT Officer – TGA Tanzania (Transport Company)

(2022 – 2023)

- Served as the lead web developer and IT officer for TGA Tanzania, a transport and logistics company.
- Designed, developed, and maintained the company's corporate website and internal IT systems.
- Implemented IT support and troubleshooting for staff systems and networking infrastructure.
- Ensured data protection and cybersecurity compliance across company operations.
- Introduced digital automation tools to streamline transport operations and reporting.
- Collaborated with management to integrate IT systems that supported fleet tracking and customer communication.

IT Security Assistant – Mafar Industries

(Oct 2020 – May 2021)

- Assisted in monitoring IT systems, detecting, and responding to incidents.
- Supported IT infrastructure security (firewalls, IDS, antivirus).
- Contributed to vulnerability assessments and compliance checks.
- Educated staff on cybersecurity awareness and safe computing practices.

Education

- **BSc in Computing** – Oshwal College, Nairobi (*Ongoing*)
- **Secondary Education** – Sunshine Academy, Nairobi
- **Primary Education** – Abu-Hureira Academy, Mombasa

Certifications

- **AWS Certified Cloud Practitioner** – AWS
- **Google Cybersecurity Professional Certificate** – Google

References

- **Mr. Mike** – HDO | 📞 +254-720-954-792
- **Mr. Joel** – Dean | 📞 +254-723-975-221