Hassan Isa

Indianapolis, IN | 931-266-3345 | Kehindeisa23@gmail.com | linkedin.com/in/hassanisa

Education

Purdue University   **Expected Dec 2026**
*Bachelor of Science in Cybersecurity/Information Assurance | **GPA: 3.0***   *West Lafayette, IN*
CompTIA Security+ Certified
Organizations: ASA, NSBE

Experience

Liberty Mutual   **May 2025 – Sep 2025**
Cybersecurity Analyst Intern   *Indianapolis, IN*

- Engineered isolated home cybersecurity lab utilizing **Kali Linux** and **Wireshark** to replicate enterprise network topologies, validating threat detection methodologies and incident response protocols across simulated attack scenarios.
- Performed deep packet inspection on **5,000+ network packets**, identifying anomalies including spoofing attempts and unauthorized access patterns, reducing potential security exposure by **90%** through systematic vulnerability remediation.
- Applied **Security+ frameworks** to conduct comprehensive vulnerability assessments across **10+ attack surfaces**, implementing hardened configurations aligned with defense-in-depth principles and enterprise security baseline standards.

Amazon   **May 2022 – Aug 2022**
IT Help Desk Technician   *Indianapolis, IN*

- Resolved **100+ weekly technical support tickets** by diagnosing root causes and deploying SLA-compliant solutions, maintaining incident resolution metrics and ensuring business continuity across multi-platform environments.
- Administered **Windows, macOS, VPN**, and server infrastructure achieving **99% system uptime** through proactive monitoring, patch management, and preventive maintenance workflows supporting organizational operations.
- Developed standardized technical documentation for system scaling processes, creating reusable deployment guides that streamlined onboarding procedures and reduced recurring support escalations by enhancing end-user security awareness.

Projects

AI Aggregated Feedback Dashboard   **Jan 2026**

- Architected serverless feedback analytics platform leveraging **Cloudflare Workers AI APIs** to aggregate disparate user inputs, extracting actionable product intelligence through automated sentiment analysis and priority classification algorithms.
- Implemented **D1 SQL database** schema with synthetic test datasets generated via **Windsurf**, enabling rapid prototyping and feature validation prior to production deployment while maintaining data integrity across development cycles.
- Deployed AI-powered summarization pipeline processing real-time feedback streams, surfacing high-priority issues and trend analysis to accelerate data-driven decision-making for product stakeholders.

Security Awareness Analyst - KnowBe4 Audit & Restructure   **Apr 2025 – Jul 2025**

- Orchestrated enterprise-wide phishing simulation campaign utilizing **KnowBe4 platform**, improving organizational risk posture with **15% reduction** in phishing susceptibility scores and **25% increase** in real-world threat detection rates among targeted employee cohorts.
- Designed dynamic risk segmentation framework categorizing **150+ employees** into Smart Groups based on behavioral analytics, training completion metrics, and historical vulnerability patterns to enable personalized security awareness curricula.
- Delivered comprehensive project findings to C-suite stakeholders achieving **90% satisfaction rating**, translating technical security metrics into strategic business recommendations supporting continuous security culture improvement.

Skills

Security Operations: Vulnerability Assessment, Packet Analysis (Wireshark), Threat Detection, Risk Mitigation, Security Frameworks (Security+), Incident Response, Phishing Simulation (KnowBe4)

Development & Automation: Python, Bash Scripting, Cloudflare Workers, D1 SQL, API Integration, Serverless Architecture, AI/ML Integration, Technical Documentation

Infrastructure & Systems: Windows/Linux Administration, Network Protocols (TCP/IP, DNS, SSH, HTTPS), Cloud Security, VPN, Firewalls, Kali Linux, System Hardening, Patch Management