

ABRAHAM JOHN

Systems Architect | Technology Consultant | Cybersecurity Specialist

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Professional Summary

Software Engineer and Technology Integration Consultant with 5+ years of experience delivering secure digital systems, API-driven integrations, and infrastructure modernization across corporate and institutional environments. Founder of AJNETWORKS, leading 10+ client engagements and governance-aligned technology initiatives.

Bridges software delivery, cybersecurity, and business execution.

CORE COMPETENCIES

Technical Skills & Expertise:

1. Systems & Infrastructure Architecture:

- Network Architecture & Administration
- Infrastructure Deployment & Optimization
- Enterprise IT Operations
- Incident Response & Operational Continuity

2. Software Engineering & Systems Architecture

- Full-Stack Development (Python, Django, React, TypeScript, PHP)
- API & Systems Integration
- Workflow Automation & Process Digitization
- Scalable Web Application Architecture

3. Cybersecurity & Governance

- Vulnerability Assessment & Mitigation
- Secure SDLC & DevSecOps Implementation
- Network Security & Access Control Models
- Compliance-Aware System Design

Soft Skills

- Systems Thinking & Enterprise Architecture Planning
- Executive & Stakeholder Communication
- Cross-Functional Technical Leadership
- Governance, Risk & Compliance Awareness
- Business–Technology Alignment
- Structured Problem Solving & Operational Optimization

Professional Experience

Bada Group | Digital Systems, Infrastructure & Marketplace Executive | Dec 2024 – Present

Supporting: Bada Global | Bada International | Bada Language Institute | SkyGlobal Study | SettleOn
| Yakdusongsan

- Leading group-wide IT infrastructure coordination across six subsidiaries, aligning localized digital initiatives with overall business and operational objectives.
- Architecting and managing cross-entity web platforms, digital enrollment systems, and online marketplace ecosystems to improve user experience, revenue operations, and workflow efficiency.
- Directing enterprise-wide migration to Google Workspace, consolidating multi-brand email systems and implementing centralized identity, access control, and security governance policies.
- Designing and deploying structured digital workflows, reducing operational turnaround time by 25% across departments.
- Overseeing IT asset lifecycle management, including domains, hosting environments, access control frameworks, and security policy enforcement.
- Acting as primary liaison between executive management, marketing, operations, and external technology vendors.
- Coordinating infrastructure upgrades, system optimization, and cross-platform integrations within the group ecosystem.

AJNetworks Kenya | Founder & Lead Systems Architect | January 2021 – Present

- Founded and scaled a technology consulting firm delivering secure software engineering, infrastructure modernization, and cybersecurity solutions across 10+ client engagements.
- Leading architecture planning, system audits, and secure deployments aligned with governance and operational continuity objectives.
- Designing and implementing DevSecOps pipelines enhancing reliability, security posture, and deployment efficiency.
- Serving as principal technical advisor, translating complex business requirements into resilient, scalable system architectures.
- IT Support

SGS Kenya | Enterprise IT & Infrastructure Specialist (Contract) | Oct 2023 – Jan 2024

- Resolved 50+ hardware and software incidents with zero downtime escalations in an enterprise environment.
- Assisted in deployment of new IT infrastructure and conducted structured network performance analysis.
- Performed cybersecurity assessments identifying and mitigating system vulnerabilities.
- Supported infrastructure optimization aligned with enterprise compliance standards.

Crossroads Fellowship Ministries | Web Developer & Security Analyst | May 2024 - November 2024

- Designed and integrated secure payment infrastructure using Safaricom Lipa na M-Pesa API.
- Implemented network monitoring and security controls, mitigating 15+ identified vulnerabilities.
- Maintained and optimized institutional web systems, ensuring reliability and secure transaction handling.

Health-IT & Ministry of Health Kenya | Systems Developer (Project Engagement) | April 2023

- Collaborated in architecting a prototype digital referral system supporting healthcare workflow digitization.
- Built backend system architecture using PHP and Laravel, ensuring structured, secure data flow.
- Contributed to public-sector-aligned digital transformation objectives.

Will Be There | Developer & Project Lead | Feb 2024 – May 2024

- Led a cross-functional engineering team delivering a scalable web prototype using React, Django, and Tailwind CSS.
- Managed agile sprint cycles and production deployment.
- Validated system scalability, performance readiness, and security structure prior to launch.

Communication Authority of Kenya | Developer & CTF Participant (National Hackathon) |

June 2023

- Secured 4th place nationally through collaborative cybersecurity challenge execution.
- Developed the “Cybersafe Guard” prototype, earning 3rd place for innovative security-focused application design.

EDUCATION

Software Engineering, ALX & Holberton University | 2024

BSc. Computer Science & Mathematics — Technical University of Mombasa

CERTIFICATIONS

- **Certified Ethical Hacker (CEH)** — Cyber Shujaa 2024
- **CCNAv7** — Cisco Networking Academy 2023
- **Health Information Systems** — Ministry of Health / University of Nairobi 2023
- **AI Starter Kit** — ALX 2025
- **Data Safety & Human Rights** — SGS World Academy 2024

LEADERSHIP & PROFESSIONAL ENGAGEMENT

- Public Relations Director — Rotaract Club of Nyali (2024/2025 Board)
- 1st Runner-Up — Kenya Cybersecurity & Forensics Association
- Best Communicator & Project Manager — Arit Developers Circle (2024)
- Volunteer Peer Reviewer — ALX Software Engineering Program

Membership

- Active Member — Red Cross Volunteer Program
- Active Member — Rotary & Rotaract
- Active Member — Kenya CyberSecurity and Forensic Association (Kcsfa)

References.

- **Joshua Maitha**, IT Head & Technician, CFM, itoffice@cfm.or.ke, Joshua.maitha@cfm.or.ke, +254720868162 | +254731577101
- **Fahad Ahmed**, Senior IT Officer, E.A SGS Kenya, fahad.ahmed@sgs.com, +254721447997 | +254709967210
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