

# Allan Jagwe

IT Consultant · Systems Architect · Software Developer

Secure, scalable, high-availability technology systems for finance, security, and digital platforms

## Core Areas

Systems & Solution Architecture

FinTech & Payment Integrations

High-Availability Platforms

Early Warning & Response Systems

Cloud & DevOps Engineering

AI-Assisted Workflow Automation

## About

I am a systems architect, developer, and IT consultant focused on building resilient, secure, and scalable technology platforms across software, infrastructure, financial systems, and operational technology.

I design systems that are technically sound and operationally sustainable – from architecture through implementation and long-term support.

I actively implement applied AI solutions for real-world operational use cases including workflow automation, AI-assisted development pipelines, MCP-based services, and orchestration platforms such as n8n.

### Professional Strengths

- Enterprise Systems Architecture
- Financial & Transactional Systems
- Secure API & Integration Engineering
- Database Engineering & Data Integrity
- DevOps & Cloud Infrastructure
- AI-Driven Process Automation
- Workflow & Orchestration Systems

## AI & Automation Focus

- AI-assisted development and debugging workflows
- AI-driven process automation
- MCP server and service experimentation and deployment
- AI integrations into corporate systems
- n8n workflow orchestration with AI agents
- AI support tools for operational efficiency and reporting

## Experience

### Founder & CEO — Bridge the Gap Solutions

Lead architect and developer across multiple production systems and platforms in fintech, security, data systems, and operational intelligence. Delivery areas include fintech platforms, betting systems, early warning platforms, payment integrations, and enterprise web systems.

## Major Projects

### Financial & Betting Platform Engineering

- Sportsbook and betting engine integrations
- Wallet and payment gateway connectivity
- M-Pesa and mobile money integrations
- Real-time transaction pipelines
- Fraud and abuse mitigation controls
- Reporting and reconciliation systems

Platforms supported: galaxybet.co.ke · betin.co.ke · justbet.co.ke

### Early Warning & Early Response Systems

- National security and peace reporting platforms
- Incident classification and workflow routing
- Secure field data intake and dashboards
- Multi-source alert aggregation
- Operations center tooling

### FinTech & Microfinance Platforms

- Core banking integrations
- Loan management systems
- Credit scoring workflows
- USSD and mobile integrations
- M-Pesa statement ingestion and scoring
- Financial reporting and audit trails

### Payment & API Integrations

- Safaricom Daraja integrations
- Mobile money workflows
- API gateway design
- Payment notification processing
- Reconciliation systems

### Cloud & Infrastructure Engineering

- Linux server architecture
- Apache and Nginx secure deployments
- HTTPS and certificate automation
- High-availability hosting setups
- Performance tuning and scaling
- Production DevOps workflows

## Technical Skills

PHP · MySQL / MariaDB · Linux · Apache · Nginx · JavaScript · HTML5 · CSS3 · jQuery · API Engineering · FinTech Integrations · USSD Systems · Workflow Engines · Cloud Architecture · DevOps Tooling · AI Workflow Tooling · n8n · MCP Services

## Technical Writing

I publish technical guides and engineering notes covering fintech systems, infrastructure, security, and platform engineering.

Latest articles are published at: [ajagwe.wordpress.com](https://ajagwe.wordpress.com)

## Testimonials

“The true definition of ‘The IT guy’ — for all your seemingly impossible solutions... he makes it look easy!”

— Baraza JM, Motoring Press Agency

“From a simple idea to an online distributed database servicing hundreds of thousands of clients!”

— Ian Mbogo, Raia Multimedia

“For beautifully architected solutions that scale... talk to AJ for solutions you didn’t even know existed!”

— William Mbuvi, Nuvia Pay Systems

## Consulting & Engagements

- Systems architecture design
- Platform builds
- FinTech and payment integrations
- Early warning and operational systems
- AI workflow implementations
- Infrastructure reviews
- Complex system troubleshooting

Use the contact form or email to start a discussion.