

GODWIN AHMED

Senior Systems Analyst | AI Automation Engineer | Full-Stack Developer

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Johannesburg, South Africa

CORE TECH

Python | SQL | C# | MQL5

Make.com | n8n | Zapier

AWS (SAA-C03) | REST APIs

Agile | SDLC | BRD/FRD

AI Automation | LLM Integration

PROFESSIONAL SUMMARY

Senior Systems Analyst and Developer with 10+ years of experience spanning banking, fintech, health tech, and enterprise IT. Proven track record delivering end-to-end systems analysis, requirements engineering, and software development across the full SDLC in Agile environments. Combines deep BA expertise (BRD, FRD, UML, RTM, JAD) with hands-on engineering capability in Python, C#, SQL, and MQL5. Currently building AI-powered automation platforms and SaaS products leveraging LLM integration, cloud architecture (AWS), and no-code/low-code orchestration (Make.com, n8n). AWS Solutions Architect Associate candidate (SAA-C03). Eligible to work in South Africa — available immediately.

CORE COMPETENCIES & ATS KEYWORDS

Business Requirements (BRD/FRD)	Systems Analysis & Design	AI & Automation Engineering
Use Case Diagrams (UML)	As-Is / To-Be Process Analysis	Requirements Traceability (RTM)
Agile / Scrum / SDLC	Stakeholder Management & JAD	User Acceptance Testing (UAT)
Python C# SQL MQL5	Make.com n8n Zapier REST API	AWS (SAA-C03) CI/CD Git
SAS Analytics & Reporting	Digital Banking Platforms	LLM Integration & Prompt Engineering

TECHNICAL PROJECTS & VENTURES

AutomataCore — AI Automation Agency

Founder | 2024 – Present

- Architected a full-stack AI automation agency platform targeting SMEs; subscription and tiered pricing model.
- Built end-to-end client onboarding workflows using Make.com, integrating CRM (Notion), email (Resend), and payment (PayFast).
- Developed modular automation blueprints for lead gen, invoicing, and reporting — deployed to 5+ client environments.
- Tech: Make.com, Notion API, Resend, PayFast, REST APIs, Webhooks, Python.

FluxPilot — AI Agent E-Commerce Platform

Founder | 2024 – Present

- Designed and built an e-commerce platform selling AI automation packs (Make.com blueprints, prompt libraries, agent configs).
- Implemented no-call sales funnel: landing page (Lovable.dev) → PayFast checkout → automated digital delivery via Resend.
- Tech: Lovable.dev, PayFast, Resend, Make.com, Afrihost DNS, Cloudflare.

Algorithmic Trading System — Silver Bullet EA

Solo Developer | 2023 – Present

- Developed a fully automated MetaTrader 5 Expert Advisor (EA) based on ICT Silver Bullet methodology.
- Implemented price action logic, liquidity sweeps, fair value gap detection, and dynamic risk management in MQL5.
- Backtested across 3+ years of tick data; integrated trade journaling via Google Sheets API.
- Tech: MQL5, MetaTrader 5, Python (data analysis), Google Sheets API.

Secure Personal Data Vault App

Solo Developer | 2024 – Present

- Architected a cross-platform encrypted personal data vault with biometric authentication (Face ID / fingerprint).

- Designed AES-256 encryption layer, secure local storage schema, and cloud sync module.
- Tech: AWS (S3, Cognito, Lambda), Python, encryption libraries, REST API.

Ghost Launch Toolkit — Digital Product Empire

Founder | 2024 – Present

- Built a faceless digital product business with automated content pipelines and no-call sales funnels.
- Automated content creation, scheduling, and delivery using AI tools and Make.com workflows.
- Tech: AI content APIs, Make.com, social scheduling tools, Resend, PayFast.

PROFESSIONAL EXPERIENCE

Solutions Consultant / Senior Systems Analyst

FNZ (Silica) | Johannesburg, ZA | Sep 2024 – Dec 2025

- Led end-to-end As-Is and To-Be analysis for digital banking and investment platform workflows, driving measurable process improvements.
- Produced enterprise-grade BRDs and FRDs, translating complex stakeholder requirements into actionable system specifications.
- Created UML Use Case Diagrams and process flow models supporting solution design and architecture reviews.
- Drove functional requirement mapping from stakeholder needs to system features across multiple integration layers.
- Supported SAS-based data, analytics, and reporting initiatives within financial services environments.
- Facilitated JAD sessions and requirements workshops; performed impact analysis on system and configuration changes.
- Collaborated with development teams on C#, SQL, and C++ code review, defect resolution, and UAT support.
- Delivered user stories aligned to Agile ceremonies; supported sprint planning, retrospectives, and release cycles.

Senior Technical Business Analyst

Discovery Health (via DVT) | Johannesburg, ZA | Apr 2023 – Sep 2024

- Led enterprise As-Is / To-Be analysis for digital transformation and system migration initiatives across multiple business units.
- Documented comprehensive BRDs and FRDs for digital banking-style platforms; maintained full RTM coverage.
- Developed UML Use Case Diagrams defining system interactions, scope, and functional behaviour.
- Contributed to SAS-driven analytics and reporting use cases supporting operational and executive decision-making.
- Authored and maintained requirements documentation in Confluence; supported UAT cycles and release readiness.

Technical Business Analyst

Cartrack | Johannesburg, ZA | Apr 2022 – Apr 2023

- Conducted As-Is / To-Be analysis to drive system enhancements and process optimisation across fleet management platforms.
- Authored BRDs and FRDs translating business needs into functional specifications for development and QA teams.
- Produced Use Case Diagrams and BPMN process models; maintained traceability through RTM documentation.
- Led JAD sessions and requirements walkthroughs; supported UAT execution and production issue resolution.

Technical Consultant / Developer

Silica / FNZ | Johannesburg, ZA | Nov 2020 – Mar 2022

- Supported banking and investment platforms through system configuration, enhancement, and integration initiatives.
- Performed SQL analysis, data extraction, and supported SAS-related reporting workflows within enterprise systems.
- Collaborated with analysts on functional specifications; participated in Agile ceremonies and release cycles.

Programme Transformation Consultant

talentCRU (Adcorp) | Johannesburg, ZA | Dec 2017 – Nov 2020

- Delivered enterprise system transformation initiatives; conducted As-Is / To-Be process analysis using Visio.
- Produced SQL and Power BI reports supporting operational decision-making across client environments.

Business / Systems Analyst

Adcorp (ASSC) | Johannesburg, ZA | Oct 2013 – Dec 2017

- Documented FRDs and change requests; conducted client requirement validation sessions.
- Maintained SQL databases, supported system deployments, configuration, and UAT activities.

EDUCATION & CERTIFICATIONS

AWS Solutions Architect Associate (SAA-C03)	In Progress — 2025/2026	Amazon Web Services
Certificate — Computer Science	2025	Codecademy
Certificate — Software Engineering	2020	HyperionDev
Certificate — Project Management	2017	Shaw Academy

DOMAIN EXPERIENCE & TOOL STACK

Domain	Banking & Financial Services Digital Banking Platforms Investment & Wealth Management Health Tech SaaS / AI Products
Methodologies	Agile (Scrum/Kanban) SDLC BRD/FRD UML BPMN RTM As-Is/To-Be JAD
Languages	Python SQL C# MQL5 C++ HTML/CSS
Automation/Cloud	Make.com n8n Zapier AWS (S3, Lambda, Cognito, EC2) REST APIs Webhooks
Tools	Notion Confluence Jira Power BI SAS Visio Lovable.dev MetaTrader 5 Git
Languages	English (Advanced) isiZulu (Intermediate)