

SOLUTION ARCHITECT

Middle Layer & Process Orchestration — Consulting Assignment

6 to 12 months | Remote / Hybrid

Engagement Type	Consulting / Freelance Contract
Duration	6 – 12 months (renewable)
Location	Remote-friendly
Start	As soon as possible
Team	Core Vitas One product team
Reporting to	Vitas Chief Digital Officer

About Vitas One

Vitas One is a next-generation lending platform purpose-built for microfinance institutions and digital lenders. The platform covers the full lending lifecycle — from digital loan origination and underwriting through to loan management, servicing, and business intelligence — built on a modern, event-driven microservices architecture.

The technology stack centres on a Kafka event bus, an API gateway layer, Keycloak identity management, and a suite of best-in-class specialist tools including CIB Seven, Form.io, Vtiger, and Snowflake. Vitas One serves both borrowers and guarantors across mobile, digital channel, and web touchpoints.

The Role

We are looking for an experienced Solution Architect to own the middle layer of the Vitas One platform. This is a hands-on, senior individual-contributor role embedded directly in the core Vitas One engineering team.

The middle layer sits between the API gateway and the data/integration layer, orchestrating business processes, managing workflow automation, and ensuring seamless communication across microservices. You will work in close daily collaboration with:

- **Infrastructure Owner** — cloud, Kubernetes, and deployment pipelines
- **Kafka & Event Bus Owner** — event-driven architecture, topic design, and consumer/producer patterns
- **Integration Layer Owner** — API gateway, external connectors (KYC, Credit Bureau, Bank, Credit Card), and third-party service management

Key Responsibilities

Process Orchestration & Workflow

- Own the design, implementation, and evolution of BPMN-based business process orchestration using Camunda 7

- Model and maintain end-to-end lending workflows: lead generation, loan underwriting, application and origination, BPMO, loan servicing and LMS
- Define process versioning, deployment, and monitoring strategies
- Drive incident analysis and continuous improvement of process flows

Form & UI Layer

- Architect and govern the Form.io (or equivalent) layer for dynamic form generation across borrower and guarantor journeys
- Collaborate with the SDS front-end team to ensure seamless form integration of Form.io forms within the React applications (Landing Page, Backoffice Portal, Customer Portal, and BPMS Console) across Digital Channel and Mobile App touchpoints; the Solution Architect holds architectural ownership of form integration across all these applications
- Define standards for form validation, conditional logic, and data mapping to backend services

CIB Seven Integration

- Lead integration design with CIB Seven across Lead Generation, Loan Underwriting, and BPMO modules
- Ensure data consistency, traceability, and audit compliance between CIB Seven and surrounding services

Architecture & Standards

- Produce and maintain architecture decision records (ADRs), sequence diagrams, and integration specifications
- Define API contracts and event schemas shared with the integration and Kafka layer owners
- Participate in technical roadmap planning and sprint ceremonies
- Conduct code and design reviews with an eye toward scalability, maintainability, and security

Required Skills & Experience

Must Have	Strong Advantage
<ul style="list-style-type: none"> • Camunda 7 (process design, deployment, tasklist, REST API) • CIB Seven — integration architecture and workflow embedding • Form.io or equivalent low-code form platform • REST API design and OpenAPI/Swagger specification • Event-driven architecture fundamentals (Kafka producer/consumer) • Microservices architecture patterns • Ability to produce clear architectural documentation 	<ul style="list-style-type: none"> • Domain knowledge in lending, microfinance, or consumer credit • Experience with loan origination systems (LOS) or LMS platforms • Familiarity with KYC, credit bureau, and banking integration patterns • Vtiger CRM integration experience • Keycloak or OAuth2/OIDC identity management • Snowflake data warehouse architecture • Experience in emerging market or mobile-first fintech environments

What We Offer

- A seat at the table as a core product team member, not a peripheral consultant
- Ownership of a critical architectural layer with real impact on end-user outcomes
- A modern, well-defined tech stack with clear separation of concerns
- Collaborative team of domain experts across infrastructure, integration, and data
- Flexible engagement with opportunity to extend based on performance and product roadmap
- Truly international team — collaborate daily with colleagues across 10+ nationalities, bringing diverse perspectives to every product decision
- Work with purpose — Vitas One exists to serve unbanked and underbanked entrepreneurs who lack access to traditional financial services; your work directly expands economic opportunity
- Built to scale globally — the platform is designed for multi-country, multi-continent expansion; you will architect solutions that travel across markets and regulatory environments

How to Apply

Please submit your CV and a brief note covering your experience with Camunda 7, CIB Seven, and Form.io, along with any relevant fintech or lending domain projects. We review applications on a rolling basis and aim to respond within 5 business days.

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Subject line: Solution Architect — Middle Layer