

## Lead Solutions Architect

**Career excellence in designing, architecting, and implementing innovative solutions across fast-paced banking and fin-tech environments by ensuring compliance with technical specifications.**

Tech-savvy and future-focused professional with 10+ years of enriched experience in designing high-value solutions/applications and taking ownership of critical projects by embracing new technologies across fast-paced work streams. Equipped with enterprise application development, project management, and team leadership expertise with in-depth knowledge of ADM principles and Agile, Waterfall, and iterative development methodologies. Eloquent communicator: adept at engaging actively with senior management, cross-functional teams, and clients to elicit essential requirements and adapt strategies accordingly. Well-versed in designing scalable business applications and undertaking complex solution migrations to resolve challenges and drive process improvements. Strong technical expertise in financial messaging platforms, including SWIFT, ISO 20022, ISO 8583, SEPA and (VolPay – a universal payment engine). Dedicated individual with a strong sense of responsibility, work ethic, and the ability to adapt to changing environments.

### Areas of Expertise

- |                                      |                               |                                   |
|--------------------------------------|-------------------------------|-----------------------------------|
| ◆ Solution & Application Development | ◆ Team Leadership & Direction | ◆ Agile & Waterfall Methodologies |
| ◆ Client Engagement & Service        | ◆ Technological Consulting    | ◆ ADM Principles / TOGAF          |
| ◆ Project Management                 | ◆ Stakeholder Engagement      | ◆ Cross-functional Collaboration  |
| ◆ Client Solutions & Engagement      | ◆ Process Improvement         | ◆ Business Requirement Analysis   |

### Career Experience

EPAM Systems Ltd, London, UK

2022 – Present

Sr. Manager Technology Consulting (Financial Services)

Drove the architectural vision for **fin-tech & insure-tech** financial services solutions, leading the **design, development and deployment** of scalable, cloud-based offerings. Engaged closely with clients, providing expert technical consultation and driving the adoption of innovative solutions to meet their unique needs. Led the migration of legacy systems to modern, microservices-based architectures, improving agility and reducing operational costs. Collaborated with business stakeholders to define and document domain architectures, ensuring alignment with strategic objectives.

#### Key Contributions:

- Instrumental in designing an Open API-based marketplace for InsureTech companies, facilitating seamless collaboration and innovation within the sector.
- Led the architectural strategy for integrating new solutions at the client level, ensuring seamless adoption and optimising performance.
- I successfully established robust governance frameworks and best practices, driving consistency and excellence across all architectural initiatives.

Volante Technologies, London, UK

2018 – 2022

Lead Architect - VolPay on Cloud

Spearheaded SaaS flavour to VolPay (payments on the cloud – decentralised processing) and led the architectural team to integrate VolPay products into SaaS. Implement rigorous research, planning, and implementation efforts to foster business process improvements. Address customer issues to ensure complete satisfaction and decrease cost footprint: leverage premium payment and dependent business process knowledge in driving decentralisation. Liaise with business owners and provide

technical consulting on pre-sales efforts. Prepare and present architectural proposals and actively contribute to defining and documenting domain architectures and landscapes.

Additionally, frequently travelled to client locations, demonstrating a commitment to hands-on project management and fostering deeper client relationships.

*Key Contributions:*

- Embraced the notion of self-managed services by supporting banks in onboarding payment processing with zero customisation.
  - Especially around customer requirements and integration into existing client solutions and
  - Consulted client solutions for seamless integration and migration (when consuming the solutions).
- Realised the concept of zero or no product customisation by establishing an integration hub for all such customisation, subsequently optimising product agility.
- Implemented a SOLID first approach and migrated the existing VolPay to a micro-service deployment.
- Reduced COGS for SaaS by 89% and for shared environments by 75% by introducing multitenancy onto the platform.
- Reduced the latency for payment processing by 400% by developing a new modular component.

**Volante Technologies, Chennai, India**

**2015 – 2018**

**Lead Solution Architect - VolPay Core Development**

Delivered best-in-class services while reporting to the Senior Director of India Services and managing the architectural team in VolPay's core framework development. Coordinated a smooth sailing of individual verticals in each implementation and integration. Monitored pre-sales activities and tracked service project implementation and high-level design overview for each RFP, including significant integration components for RnD.

*Key Contributions:*

- Served as Architectural Product Owner for VolPay and designed a domain canonical that reduced the integration effort from 4 weeks to a week for every mapping using an ISO 20022 canonical.
- Orchestrated a modular extension framework for downstream and ensured timely delivery of RFP implementation to assist the pre-sales team in advancing project objectives.

**Volante Technologies, Chennai, India**

**2013 – 2015**

**Solution Architect - Europe Services Division**

Designed and architected the framework for the base implementation of critical projects of UBS and other services based in European countries. Provided oversight for the standards upgrade life cycle and ensured seamless integration across different downstream applications. Handled various BRD updates across vertical integration and extension.

*Key Contributions:*

- Championed critical project at UBS Luxembourg (Fund Management) remotely through VPN.
- Provided post-sale support to the UBS ICG division and translated standards like SWIFT to ISO 20022.
- Participated actively in the ISO 20022 messaging forum (guided by Fiona Hamilton, a key person in the ISO 20022 standards organisation).

- ❑ Contributed actively to eGate migration to Volante Transformation over Camel Routes and maintained OSGi compliance.
- ❑ Improved LSE security execution TPS by 15%.
- ❑ As an active member in the SWIFT SRG update consultant life cycle, facilitating migration and adoption of new features from SWIFT for various customers via the product (VolPay).

## **Vayana Technologies, Chennai, India**

2012 – 2013

### System Analyst

Offered services as the Business Analyst responsible for building the Generic Corporate Adapter (HDFC). Supported HDFC Bank in developing a generic architecture for extending banking services and onboarding SMEs into the transactional network.

## **Value Source Technologies, Belgium & Chennai, India**

2009 – 2012

### Middleware Architect (For KBC, Belgium)

As a Middleware Architect, I actively coordinated with the middleware team in rolling out and managing EAI projects on eGate and WMB for KBC (Farmers Bank of Belgium). Learned about middleware and how banks communicate with each other—ensured regular maintenance and technical deployment assistance for managing uptimes and fault tolerance as part of the middleware support and deployment team.

#### *Key Contributions:*

- ❑ Introduced DRY - Don't Repeat Yourself for unit-testing and integration framework, subsequently decreasing the deployment of middleware integration code by 80%.
- ❑ Scripted the deployment and troubleshooting activities, eliminating 90% of repeated actions.
- ❑ Deployed eGate component for integrating processes across different platforms.
  - Ensured proper handshake and generation of ACK and NACK.
  - Implemented BOB for the extension of various downstream applications.
- ❑ Collaborated with team members in eGate Migration to WMB.
  - Undertook automated code review & eGate release management.
- ❑ Optimised the cycle using automation during the maintenance and deployment, like the model CD/CI, as there was no CI/CD terminology or concept then.

## **Professional Certifications**

NIIT Certificate in Programming in C++.

NIIT Certificate for Developing Enterprise Applications and Web Services using J2EE Technologies.

NIIT Certificate for Developing Enterprise Applications using .Net Framework.

TOGAF Practitioner (from Volante Technologies).

AZURE Cloud Solution Architecture (from Volante Technologies).

AWS Cloud Solution Architecture (from Volante Technologies).

## **Technical Proficiencies**

- ❑ EAI Architecture
  - Transformation Layer: Volante, eGate
  - Transport Layer: Camel, Mule ESB, OSB, iFlows, SAP FSN V2
  - Logging Interfaces: log4j, slf4j
  - Built Tools: Maven, ANT, Jenkins

- Implementation
  - Java, Volante: Formula Language, ESQL
  - OSGi
- Format
  - SWIFT
  - ISO 20022
  - ISO 8583
  - SEPA (CT & IP)
  - US TCH RTP
  - Fedwire
- Open Source Projects
  - Apache Cassandra
  - Apache Camel
  - Hugo
    - [Hugo-codex\(jakewies/hugo-theme-codex\)](#)