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# Professional Summary

1. Highly accomplished Enterprise & Solutions Architect with over 19 years of experience delivering exceptional results and business value across diverse clientele in the USA, Middle East, and Africa.
2. Proven expertise in BFSI (Banking, Fintech, and Insurance) industry with a TOGAF 9.2 certification.
3. Worked on Enterprise Architecture for a card payment platform processing a massive 500 million transactions and managing 100 million cards monthly.
4. Possess a multi-faceted skillset including:
5. **Development**: Java (Spring boot Certified RPA, Blockchain, and AI/ML with Python
6. **Cloud Platforms**: Extensive experience with Azure, AWS (6 Years Experience) , and OpenShift
7. **Big Data Architecture**: Implemented solutions using Apache Airflow, Kafka, Spark, Delta Lake, and ELK Stack
8. **Project Management**: Agile-Scrum methodologies and PRINCE2 certified Project Manager
9. **Microservices Transformation**: Proven ability to lead and execute the migration of monolithic applications to microservices architectures to improve scalability, agility, and maintainability.
10. **Legacy to Cloud Transformation**: Skilled leader in guiding organizations through the transition from legacy systems to cloud-based infrastructure, optimizing performance, security, and cost efficiency.
11. **Quality** : Demonstrated commitment to quality with a CMMI Associate certification and experience achieving CMMI Level 3 for an organization.
12. **Managed Team**: Led cross-functional Architecture teams in designing and implementing scalable, robust solutions aligned with enterprise strategies, ensuring seamless integration across systems and platforms.
13. **Budget Management:** Successfully planned and controlled budgets for architectural and technology initiatives, optimizing resource allocation and reducing costs without compromising quality.

## Vision:

1. Become a transformative leader: Drive exceptional organizational growth by spearheading innovative technology
2. solutions and inspiring teams to achieve ambitious goals.

## Goals:

1. Deliver impactful results: Lead and execute medium-to-large complex projects with a proven track record of
2. success and measurable impact on the business.
3. Champion enterprise architecture: As a Chief Enterprise Architect, take ownership of large and complex projects,
4. ensuring successful implementation and alignment with strategic objectives.

# Work Experience

## Senior Enterprise Architect

### Onafriq (Previously MFS Africa) | South Africa | Oct 2021 – Present

1. Architected a **card payment platform processing 500M transactions/month** and managing **100M cards**.
2. Led **cloud migration and DevOps adoption (AWS EKS, Kubernetes, Bitbucket Pipelines)** for infrastructure modernization.
3. Designed and implemented a **data engineering platform using Apache Airflow, Kafka, and Spark**.
4. Managed **cross-functional architecture teams** and optimized technology budgets.

## RPA & Blockchain Technical Lead / Solution Architect

### TechMahindra | South Africa | Jan 2018 – Oct 2021

1. Designed **blockchain solutions on Azure using Hyperledger Fabric** for supply chain and EIM.
2. Led **Robotic Process Automation (RPA) initiatives** for cash reconciliation, **saving R35M over 10 years**.
3. Architected and deployed **CI/CD pipelines for RPA development**.
4. Contributed to **AML (Anti-Money Laundering) solutions** in collaboration with the Revinitiv team.

## IT & Business Consultant

### Opensoft Systems | South Africa | Apr 2015 – Jan 2017

1. Led **mobile app development for insurance agency services**.
2. Managed **IT rollouts across 11 branches**, including data center setup.
3. Spearheaded the **ERP stabilization project (Oracle-based system)**.

## IT Manager

### ASA Enterprises | Botswana | Nov 2013 – Mar 2015

1. Developed and deployed **automated reconciliation solutions** for policy loan administration.
2. Integrated **mobile money payments with Botswana Life Insurance**.
3. Led **document management system automation** to reduce manual effort.

## Project Analyst

### Botswana Insurance Holdings Ltd | Botswana | Oct 2009 – Jul 2013

1. Managed the **Unit Trust Liability System** implementation for BIFM.
2. Led the **integration of Botswana Life’s insurance systems with third-party solutions**.

# Education & Certifications

## Education

* **Bachelor of Technology (B.Tech) - Computer Science & Engineering** | West Bengal University of Technology (2001 – 2005)

## Professional Certifications

1. **TOGAF 9.2 Certified** (2023)
2. **Certified Associate CMMI V2.0** (2023)
3. **AWS Certified Cloud Practitioner** (2022)
4. **Azure Developer (AZ-204 Training)** (2021)
5. **Machine Learning Advanced Certification** (2020)
6. **Certified Blockchain Developer V2** (2019)
7. **PRINCE2 Foundation & Practitioner** (2013)

# Technical Skills

## Cloud & DevOps

1. AWS (EKS, RDS, S3, Lambda, SNS, SES), Azure, OpenShift
2. Kubernetes, Jenkins, Bitbucket Pipelines, GitHub Actions, Terraform

## Big Data & Analytics

1. Apache Kafka, Spark, Airflow, Delta Lake, ELK Stack
2. Python (Pandas, PyTorch, TensorFlow)

## Blockchain & RPA

1. Hyperledger Fabric, Corda Smart Contracts
2. WorkFusion RPA, AI-driven automation

## Programming & Development

1. Java (Spring Boot, JPA, Drools, Hazelcast), Python, Flask
2. Databases: PostgreSQL, MySQL, MongoDB, Oracle, DynamoDB

# Additional Information

1. **Nationality:** Indian | **South Africa Permanent Resident**
2. **Languages:** English, Bengali
3. **Interests:** Music, Food, Technology