

Akash Paltasingh

SOLUTION ARCHITECT, CSPO, AWS-SAA

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Profile

I am a seasoned Technical Specialist with over a decade of experience in Mainframe technologies at Zensar Technologies. My expertise includes Cobol, JCL, and IBM-DB2, applied across various domains such as Retail, Supply Chain, and Warehouse Management.

Specializing in legacy to cloud migration, I have successfully developed and implemented strategies that modernize on-premises applications, enhancing performance and introducing new customer-facing features. My hands-on experience with AWS AI/ML services, GenAI, and Prompt engineering enables me to optimize processes and deliver innovative solutions.

Currently, I serve as a Solution Specialist at Old Mutual South Africa, focusing on Insurance and Personal Finance sectors. Here, I provide strategic insights and guidance on AWS Cloud Migration Strategies, combining deep technical knowledge with cutting-edge cloud solutions to achieve customer-centric results.

Employment History

Solution Specialist, Old Mutual SA

Cape Town, SA / Pune, IN

JANUARY 2022 — PRESENT

ZENSAR TECHNOLOGIES

OM - NGP Generation Products (NGP) caters to all technological and legislative responsibilities of the business. The system integrates the business processes from the inception of new policies, on Risk and/or investment portfolios from Front end websites and Personal Finance brokers (Intermediary) via Manual business quotations, with the underlying sub-processes of underwriting, asset advisors, policy conversions, cessions etc.

Roles & Responsibilities:

- Catered to all business process changes and development projects to introduce new business rules and offers for New Business.
- Designed system-specific enhancements to comply with the yearly legislative changes dictated by SARS and other compliance bodies like FATCA, SARAF, PRUDENTIAL, etc.
- Achieved AWS Solution Architect certification to bolster my skills and ability to advise on cloud best practices and well architected framework.
- Drove projects, solutions and strategies to enable functional POCs to make legacy applications cloud-ready.
- Leveraged AWS Cloud services to enable modernization of legacy applications and seamlessly integrate new customer-centric features.
- Design and spearhead Cloud migration of our legacy omega product platform leveraging Amazon web services and cloud technologies.

Skills

Languages - COBOL, CICS, JCL, C++, JavaScript, Python, GO.

Database Services - IBM DB2, SQL, PostgreSQL, AuroraDB, DynamoDB

Cloud Architecture & Migration strategies

Strengths

Leadership & Decision-Making
Problem Solver
Ability to Multitask
Ability to Work Under Pressure

Domain Expertise

PF & Insurance:

Risk, Savings and Annuities, New Business Quotes, Deferrals, Underwriting, Fund Administration, Fees & Charges, Cashflow and Accounting.

Retail:

Supply Chain and Warehouse management, PO and CDH replenishments, Omni-channel Customer Ordering.

Certifications & Achievements



AWS SAA



AWS CCP



Certified Scrum Product Owner



IBM DB2 Designer

Technical Analyst - Lead, Old Mutual, SA

Cape Town, SA

FEBRUARY 2019 — DECEMBER 2021

ZENSAR TECHNOLOGIES

OM - PFIT focuses on managing various Risk and Saving products offered by Old Mutual to customers across RSA, NAM and Guernsey regions. The service owns all product offerings and handles the entire life-cycle of client policies; ranging from Quotes, Client Management (GCS), Funds and portfolio management, risk and retirement benefits, underwriting and deferrals, Broker commissions, Asset charges, Policy Administration, Claims and the relevant accounting features.

Roles & Responsibilities:

- PM: Managed a team of 20, including developers and business analysts to cater to various application enhancements and manage the legacy product offerings.
- Application SME and product owner for Omega Legacy product platform, catering to over 5 million client portfolios across 50+ product offerings.
- Designed and implemented major regulatory, compliance, and taxation framework for PPI/POPI, SARAF, SARS, Annual Budget Speech & IFRS.
- Spearheaded major COVID relief initiatives to enable OM business to fulfil critical financial offering and flexibility to our insurance customers for premature claims and fund disbursements.
- Nurtured and mentored the team to achieve AWS cloud associate certification which enabled us to deliver various cloud initiatives to reduce our CPU overheads and streamline various business processes.
- Pioneered multiple POCs and automation to optimize business processes, reduce overheads and increase productivity.

Software Engineer, John Lewis Partnership Pune, IN / London, UK

AUGUST 2015 — JANUARY 2019

ZENSAR TECHNOLOGIES

The JL SCO and WMS teams oversee comprehensive supply chain operations, encompassing customer orders (online and in branches), demand management (customer reservations and branch replenishment), demand allocations, and task distributions across National Distribution Centers (NDCs), Branch Consolidation and Distribution Hubs (CDHs), and third-party suppliers. This includes purchase order management, carrier allocations, and label printing through third-party vendors such as Metapack and NiceLabel. The project integrates data with core Warehouse Management Systems (WMS) like JDA DLx, Dispatcher, and Kisoft-Knapp WMS to facilitate order deliveries through logistics partners and in-house event tracking systems.

Roles & Responsibilities:

- Specialized as a subject matter expert (SME) for Mainframe applications interfacing with various Warehouse Management Systems (WMS).
- Architected and led the migration of WMS from legacy DLx to the latest JDA Dispatcher.
- Directed code migration from obsolete DLx WMS to the new JDA Dispatcher WMS, ensuring seamless interface management with existing Mainframe applications.
- Administered Unix server data and formulated WMS-specific merge rules to enable smooth transition and data translation between various application modules.
- Developed system-level flows and authored OPS documentation for

service onboarding and maintenance contracts.

- Coordinated with 3rd party service providers like JDA, Metapack MM, and NiceLabel to establish BAU functionalities for daily operations of Distribution Centers (DCs) and enable plug-and-play options for peak sales management.
- Executed code migration of legacy Order Management Systems to Sterling Order Manager.
- Spearheaded the development and implementation of the Omni-Channel Customer Ordering (OCCO) platform across all JL Points of Sale (POS).

System Engineer, Union Bank of California, NA

Pune, IN

JUNE 2012 — JULY 2015

TATA CONSULTANCY SERVICES

The Union Bank Transmission Development Team manages all data transmissions to and from Union Bank mainframes, ensuring seamless communication with various vendors and customers. The team is responsible for Level 3 (L3) support and maintenance of existing transmission processes and customer setups. It develops and enhances existing and new EDI and NACHA setups for various vendors, customers, and the Trust Accounting System (TAR).

Roles & Responsibilities:

- Configured data transmission via FTP, SSH, NDM, and MQ to ensure secure delivery to customer-specific destinations through appropriate channels.
- Conducted customer-facing requirement analysis, collaborating with customers to understand their needs, designing optimized processes, conducting UAT and SIT, and implementing solutions in the production environment.
- Developed new logic and programs to accommodate changes in customer requirements.
- Supported and enhanced existing and new setups for customer data and account information on Account Recon (ART) and Trust Accounting (TAR) services for all Union Bank of California customers and vendors.

Education

BTECH - Computer Science Engineering, SOA University, Bhubaneswar, IN

JUNE 2008 — MAY 2012

CGPA: 8/10

White Papers & Internships

Omni Channel Customer Ordering – Supply Chain Systems at John Lewis Partnership, UK, London, UK

AUGUST 2016 — JANUARY 2017

IBM Smart Hiring System at IBM Training and Certification Cell, Kolkata, IN

FEBRUARY 2009 — APRIL 2009

Paper on Speech Recognition at Institute of Technical Education and Research, Bhubaneswar, IN

APRIL 2011 — JUNE 2011