

OGHENEMAIGA ELEBE

Cloud Solutions Architect – Professional (SAP-C02) | SRE | Migration & AI

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PROFESSIONAL SUMMARY

AWS Solutions Architect – Professional (SAP-C02) and Cloud Migration Specialist with 5+ years' enterprise experience architecting and delivering cloud solutions at FedEx scale. Trusted technical advisor with a proven track record of customer-facing solution design, technical demonstrations, executive-level presentations to VP and director-level stakeholders, and cross-functional stakeholder engagement. Measurable business outcomes: 64.8% efficiency gains, 32% alert reduction, 18% MTTA improvement. Deep expertise across cloud migration strategy, multi-cloud architecture (Azure, AWS, GCP), observability engineering, and AI-assisted modernization. Published researcher and industry journal editor with 6 peer-reviewed publications.

CORE COMPETENCIES & TECHNICAL SKILLS

- **Cloud Platforms:** Azure, AWS, GCP, Oracle Cloud Infrastructure | **AWS Migration:** MGN, DMS, AWS Transform, Q Developer Transform, Application Discovery Service
- **Solution Design & Advisory:** Solution Design, Requirements Gathering, Technical Demonstrations, Stakeholder Management, Executive Briefings, Technical Enablement, Proof of Concept (POC)
- **Languages & Scripts:** Python, PowerShell, Shell Scripting, SQL, KQL, Scala, YAML.
- **Databases:** ORACLE, SQL Server, Cosmos DB.
- **Service Level Management:** SLOs, SLIs, Error Budgets
- **IaC:** Terraform
- **Container Orchestration:** Docker, Kubernetes, Helm
- **Networking & Security:** Security groups, VNETs, Firewall, Network protocols.
- **Change Management:** PDSM ServiceNow, Azure DevOps, Jira
- **CI/CD:** Azure DevOps, Terraform, SonarQube, Canary/Blue-Green Deployments.
- **Operating Systems:** Linux, Windows
- **ETL, Data Integration & Pipeline Reliability:** Databricks, Delta Live Tables, Azure Data Factory, AzCopy, API, JMS, JDBC, SFTP.
- **Data Profiling, Analytics & Quality Reporting:** SQL, Python, Scala, KQL
- **Root Cause Analysis, Incident Response & Data Issue Resolution:** PagerDuty, Dynatrace, Prometheus, Grafana, Azure Monitor, RCA SharePoint documentation
- **Agile Methodologies, SCRUM**

WORK EXPERIENCE

Tata Consultancy Services

Feb 2022 – Present

Analyst – Data Services

Client Deployment: FedEx Corporation

Senior Site Reliability Engineer | Atlas Platform SME

- Led proof-of-concept evaluation of Dynatrace as a unified replacement for Splunk and MiView scoped requirements, validated dataset and graph parity across both platforms, and presented findings to FedEx leadership. Secured sign-off to migrate to the primary Atlas Ingestion App, establishing the migration pattern adopted across 58 downstream consumer applications.
- Identified and architected a solution to a critical data volume bottleneck by analyzing delta tables to discover an active-facilities filter, reducing data ingested by over 70%. Presented the architecture recommendation to FedEx leadership, significantly reducing Kubernetes pod memory failures and Databricks worker utilization across Azure Data Factory orchestrated pipelines.
- Designed and presented an automation architecture to FedEx leadership using Azure Runbooks, Terraform, and PowerShell to auto-restart Function Apps on EventHub zero-message thresholds eliminating manual intervention. Proposed and influenced adoption of Azure DevOps for Sprint Planning and Agile processes, replacing Jira Dashboard across the engineering team.
- Served as primary customer-facing technical lead for Surround, MST, Atlas, and FDX enterprise applications conducting technical demonstrations, architecture walkthroughs, and educational enablement sessions via slide-based presentations for both technical and non-technical internal and external FedEx customers globally; handling 3–5 support tickets daily and communicating platform findings, capabilities, and resolution ETAs.
- Led P1/P2/P3 Major Incident bridges as onshore technical SME under a 15-minute SLA response, conducting live screen-share diagnosis with cross-functional engineering teams and VP-level stakeholders, consistently driving resolution and restoring business continuity for mission-critical global operations.
- Designed and delivered cloud-native CI/CD architecture using Azure DevOps and Terraform IaC, integrating automated security scanning, canary deployments, and rollback mechanisms enabling zero-downtime releases across enterprise data services at scale.
- Implemented security architecture and automated vulnerability management integrated into CI/CD pipelines using SonarQube, achieving a 98% compliance rate against enterprise security and governance standards.
- Conducted root cause analysis (RCA) and troubleshooting of application, infrastructure, and network performance bottlenecks using Dynatrace, AppDynamics, Grafana, and Azure Monitor. Created post-incident reports to prevent recurrence of critical issues.
- Mentored 4 engineers in cloud architecture and SRE practices; established SLO/SLI frameworks, reduced false alerts by 32% via Terraform-automated monitoring controls, and

improved Mean Time to Acknowledge (MTTA) by 18% through structured incident response processes.

Gannon University – Erie, PA
SYSTEMS ADMIN - GRADUATE ASSISTANT

Jan 2021 – Dec 2021

- Supported SQL Server databases and .NET research applications by implementing data access controls, data validation processes, and system reliability improvements.
- Designed automated database backup and recovery processes ensuring data integrity and availability for academic and research environments.

PROJECTS

1. **Enterprise Data Platform Migration (eAtlas → dAtlas):** Architected and delivered migration of 351 enterprise datasets from legacy eAtlas platform to DataWorks Atlas (dAtlas) across Azure, using AzCopy for large-scale data transfer. Redesigned ingestion architecture across multiple source systems (JDBC Oracle, SFTP, EDW Teradata, REST API) — batch datasets flow via scheduled cronjobs into Azure staging containers, orchestrated by Azure Data Factory with Databricks, writing to a curated Delta Live Tables layer.

Impacts: Successfully migrated 351 datasets handling millions of records per ingestion to a modern Azure data Lakehouse architecture with zero data loss; improved pipeline reliability and enabled scalable Delta Live Table processing across the curated layer.

2. **BedrockShift – AI-Powered AWS Migration Advisor:** Designed and built a full-stack AI advisory tool that generates structured AWS migration strategies from a client's infrastructure profile. Integrated AWS Bedrock (Claude Haiku 4.5) to produce per-workload 7R recommendations, phased migration plans, AWS service mapping, risk analysis, and estimated cost savings. Built with Next.js and Tailwind CSS; deployed via AWS Amplify.

Live at www.bedrockshift.com

3. **Impacts: Demonstrates end-to-end capability across AI integration, cloud architecture, and full-stack delivery — purpose-built to showcase Solutions Engineer competencies in client-facing migration advisory scenarios.**
4. **Enterprise Cloud Cost Architecture:** Designed and implemented cloud cost optimization architecture improving data processing efficiency by 64.8% through automated dataset filtration, ETL pipeline redesign, and resource rightsizing across Azure and AWS environments.

Impacts: Reduced Kubernetes pod failures for data ingestion by 13%; freed engineering capacity from reactive incident management.

5. **Enterprise Cloud Migration & Governance:** Architected and delivered Azure API infrastructure migration from STV1 to STV2, ensuring zero-downtime cutover with full traffic continuity — improving application security, zone-redundancy, and performance across all APIM-dependent enterprise services.

Impacts: Zero downtime during cutover; improved zone-redundancy and security posture for all APIs dependent on APIM infrastructure.

6. **Security Architecture & Governance:** Designed enterprise security architecture for 150+ data collections supporting Kubernetes workloads, implementing RBAC, authentication governance, and access controls eliminating pod failures and enforcing zero-trust data security at the ingestion layer.

Impacts: Strengthened security coverage for 150+ Kubernetes ingestion pods, preventing failures and enforcing zero-trust access controls across enterprise data pipelines.

CERTIFICATIONS AND AWARDS

- AWS Solutions Architect – Professional (SAP-C02) · July 2026
- Microsoft Azure Fundamentals (AZ-900)
- CompTIA Linux+ Certified
- Scholastic Excellence in Computer & Information Sciences (*Best grad*) – Gannon University
- On the spot Award – TCS
- Editor of the Year 2025 – Gulf Journal of Computer Sciences
- Reviewer of the Year 2025 – Gulf Journal of Engineering & Technology

EDUCATION

GANNON UNIVERSITY - Erie, Pennsylvania, USA	Jan 2020 - Dec 2021
Master of Computer and Information Sciences – Data Science	

LANDMARK UNIVERSITY - Kwara State, Nigeria	Sept 2013 - May 2018
Bachelor of Electrical and Electronics Engineering	