HAMID ABBASI
Cloud Strategy & Transformation Leader with Expertise in AI-Driven Solutions / Enterprise Architect
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Strategic leader in cloud transformation and AI innovation, with a proven record driving multi-cloud and AI/ML initiatives across public sector and enterprise clients. Published thought leader with 25+ articles on AWS, GCP, AI, data engineering, and cloud modernization. Deep expertise in AWS-native services (SageMaker, Glue, Bedrock), generative AI workflows, and Infrastructure as Code (Terraform, Ansible). Adept at aligning cloud strategy with business goals, collaborating on solution architecture, and delivering secure, automated, and cost-efficient cloud operations. Known for building Cloud Centers of Excellence, fostering cultural change, and leading cloud governance and optimization under frameworks like TOGAF and AWS Well-Architected.

Certifications

- AWS: Solutions Architect, DevOps Engineer, Data Analytics, Security
- GCP: Core Infrastructure & Elastic Cloud Scaling, Google Kubernetes Engine Foundations, Reliable Google Cloud Infrastructure
- Other: CCSP, TOGAF Certified Architect, PMP, ITIL Certified

SKILLS & EXPERTISE

Enterprise/Cloud Strategy & Transformation Leadership: Cloud Transformation Program Management; Executive Presentation & Reporting; Stakeholder Management; Cultural Change Management; Data-Driven Decision Making; Cross-functional Team Leadership; Cloud Adoption Framework Implementation; Cloud Center of Excellence Leadership

Cloud Platforms: AWS: EC2, S3, Lambda, API Gateway, SQS, SNS, Event Bridge, AppSync, AWS AppStream 2.0, RDS, DynamoDB, Redshift, Glue, Athena, EKS/ECS, Cloud Map, SageMaker, Bedrock, Texttract, App Mesh, X-Ray, IAM, Cognito, IAM

GCP: GKE, Cloud Functions, BigQuery, Cloud SQL, IAM, Cloud Spanner, Vertex AI, Vertex AI, Google Cloud's Generative AI offeringsDocument AI GCP Dataflow & Cloud Functions, Cloud Workstations, Cloud SQL, Cloud Spanner, Firestore, Bigtable,

CI/CD & Automation: Terraform, Ansible, Chef, Python CodePipeline, Jenkins, GitHub, CloudFormation, SQL

Microservices: Omni-Channel API Architecture & Development, Microservices, Scala/Akka, Pulsar/Kafka, Event-Driven Architecture

Virtualization & Streaming: AWS AppStream 2.0, Amazon WorkSpaces, Citrix, VMware Horizon

Governance & Compliance: NIST, SOC 2, PCI DSS, HIPAA, FedRAMP, and Cloud Governance Frameworks

AI-Based Solutions: AI Prompt Engineering, LLM-powered Automation, AI-Driven Cloud Optimization, Generative AI Workflows.

Industry Domains: IT Consulting, Telco Public and Private 4G/5G, Airlines, Aviation, Transportaion and Manufacturing

TOGAF: Enterprise Architecture Frameworks, Business, Data, Application, Technology Architecture

Technical Writing & Cloud Thought Leadership: Expert in creating thought leadership pieces, whitepapers, and guides on AI/Cloud technologies, published on Medium.

PROFESSIONAL EXPERIENCE

Tezi Soft Irving, TX - Principal Cloud Transformation Lead / Enterprise Architect   **8/2023 – present**

- Led AI & Cloud Transformation Programs with a $1.2M budget, driving AI adoption in multi-cloud automation, aligning with strategic roadmaps, and accelerating delivery using SAFe agile methodologies.
- Optimized cloud operations by 30% through AI-driven automation using AWS Bedrock, GCP Vertex AI, and LLM-based AI workflows, enhancing cloud efficiency and scalability across multi-cloud environments.
- Led cloud-native transformations with AWS Bedrock, SageMaker, and GCP Vertex AI, modernizing data ecosystems and optimizing data ingestion, ETL workflows, and analytics pipelines for scalability and performance.
- Led AI & Cloud Transformation Programs, integrating AWS SageMaker & Vertex AI to enhance automation and data infrastructure as code (IaC). Streamlined ETL workflows using AWS Glue, Lambda, Step Functions, and GCP Dataflow & Cloud Functions to optimize multi-cloud data platforms.
- Developed AI-powered search solutions with AWS OpenSearch & Bedrock, optimizing cloud-based data lakehouse architectures with Glue, Redshift, and Athena, improving query performance by 25% and increasing accuracy by 40%, leveraging DataOps methodologies to automate cloud-based data pipelines.
- Architected observability solutions using CloudWatch, Lambda, and CloudTrail, reducing incident response times by 30% and improving application monitoring.
- Led multi-platform API transformations, ensuring seamless integration across web, mobile, and third-party platforms, enhancing customer engagement.
- Designed and implemented AWS AppStream 2.0 solutions for secure application delivery, integrating IAM, Active Directory, and SAML for enterprise authentication.
- Championed IaC automation with Terraform, Ansible, and Chef, streamlining cloud infrastructure for AWS Glue, Redshift, & Lambda-based ETL pipelines while ensuring PCI-DSS & SOC2 compliance.
- Developed cloud adoption strategies and KPIs, tracking key performance indicators for stakeholders and driving cloud efficiency.

IBM, Dallas, TX - Senior Enterprise / Infrastructure Cloud Architect   **11/2020 – 08/2023**

- Led a 3-year enterprise cloud transformation for Delta Airlines, modernizing mission-critical airline applications on AWS.

- Architected large-scale application and infrastructure migrations (120+ apps, 1000+ VMs), improving reliability, performance, and cost-efficiency.
- Designed AWS migration roadmaps and strategies, leveraging Infrastructure as Code (IaC), automation, and security best practices to ensure seamless cloud adoption and compliance with regulatory frameworks such as PCI-DSS & SOC2
- Partnered with Delta stakeholders to align cloud initiatives with airline operations, scheduling, and customer systems.
- Spearheaded large-scale cloud transformation projects, overseeing cloud migration initiatives for global enterprises, improving operational efficiency, reducing costs, and enhancing security postures using Well-Architected Framework.
- Guided teams on adopting 12-factor app design, containerized workloads with EKS, and DevSecOps pipelines to meet aviation-grade scalability and security.
- Architected enterprise-scale VDI solutions using AWS AppStream 2.0 and WorkSpaces, cutting infrastructure costs by 30% while ensuring seamless user experience.
- Collaborated on pre-sales solutioning and architecture presentations for cloud migration initiatives, working closely with clients to align AWS designs with compliance standards and business objectives.
- Delivered API solutions for web, mobile, and third-party platforms, enhancing customer engagement and retention
- Led microservices architecture development using EKS, Kafka, and Pulsar, improving system performance by 35%.
- Automated cloud provisioning using Terraform, Ansible, and GitHub Actions, reducing deployment time by 50% while ensuring security and compliance.

UNISYS CORP, Dallas, TX - Senior Consulting Manager / Senior Cloud Architect   08/2019 – 11/2020
- Migrated and modernized legacy apps to AWS cloud-native architecture, saving $1.34M over three years
- Supported public sector pre-sales and RFP responses, conducting solution architecture reviews to ensure AWS designs aligned with FedRAMP, NIST, and client compliance requirements.
- Developed cloud adoption strategies and tracked KPIs to ensure alignment with business goals.
- Designed secure AI-driven cloud architectures with AWS Control Tower, ensuring PCI-DSS, HIPAA, and FedRAMP compliance

FRUITION PARTNERS, a DXC Company, Plano, TX - Senior Enterprise / Cloud Architect   06/2018 – 01/2019
- Developed cloud-native migration strategies aligned with TOGAF, ensuring scalability and security.
  Led hybrid cloud transformations, ensuring secure data governance and multi-cloud high availability.

CITY OF DALLAS, Dallas, TX - Senior Enterprise / Cloud Architect   04/2018 – 06/2018
- Led cloud migration plan development for city-wide water laboratories, ensuring multi-cloud security compliance and adherence to governance standards.

ORACLE CORP, Frisco, TX - Senior Enterprise Architect   09/2011 -09/2017
- Spearheaded hybrid cloud roadmap strategy, ensuring scalability and security across hybrid environments.
- Managed Oracle cloud and on-prem environments, optimizing performance, reliability, and security.

Additional Experience
- **HP,   ERP Application Architect, Dallas, TX**   **08/2008 – 09/2011**
- **EDS,   ERP Application Architect, Plano, TX**   **11/2006 – 08/2008**
- **NEIMAN MARCUS,   Senior Oracle Application Architect, Irving, TX**   **12/2005 – 11/2006**
- **ORACLE CORP, ERP Architect, Irving TX**   **01/1998 – 12/2000**

Publications & Thought Leadership
25+ published articles on AWS Cloud, AI, Data Engineering, and Cloud Migration on Medium.
- Building a Modern Data Platform on AWS: A Comprehensive Guide
- Modern Data Platform Architecture: The Foundation for Data-Driven Organizations
- AWS Modern Data Engineering: Implementing the Data Platform Architecture
- From Legacy to Cloud: A Comprehensive Guide to Enterprise Migration to AWS
- Building a Scalable Banking Platform: A Journey Through Multi-Channel Microservices Architecture

EDUCATION

Master of Science (MS), Computer Information Technologies, Regis University, Denver, CO
Bachelor of Science (BS), Computer Information Sciences, Washburn University, Topeka, KS