

MARLAND M. MOORE

Birmingham, MI 48009

SENIOR ENGINEERING MANAGER

- Innovative, client-oriented Principal Architect with 20+ years of related experience, including 10+ involving technology presales and sales.
- Extensive customer-facing experience focused on understanding customer requirements, conveying solutions to executive stakeholders and aligning results to meet client needs.
- Broad technical background with application services, dev-ops, and leadership in multiple disciplines: cloud architecture, eCommerce, identity and access management, system and data integration, and data platforms.
- Experience designing complex solutions for startups to Fortune 500 companies and public sector with a pragmatic approach, balancing the latest technology with the needs of the business.
- Proven ability to deliver exceptional results by empowering teams to produce high-quality software through deep analysis of system needs, constraints and technology capabilities.
- Calm under pressure, with the drive and perseverance to operate swiftly and efficiently under deadlines.

- ◆ Enterprise Architecture
- ◆ Architecture Standards

- ◆ Cloud Migration
- ◆ Technical Leadership

- ◆ Architecture Roadmaps
- ◆ API Design

PROFESSIONAL EXPERIENCE

ROI SOLUTIONS, Boston, MA

2/1/2026 – Present

Senior Engineering Manager – Data Platform

- Manager of the Data Platform team
- Implement multi-account platform to support more than 10 clients using Reader and Subscriber accounts in Snowflake
- Implement Snowflake MCP server with Semantic view connecting customers to their Claude systems
- Oversaw the successful integration of Airflow within an AWS ECS cluster, establishing best practices for proper IAM segregation and adherence to full SDLC protocols, enhancing automation and reliability.
- Drove the adoption of advanced AI tooling, implementing AWS Bedrock agents capable of automatically generating dbt project structures for data pipelines, dramatically accelerating developer velocity and reducing development time.
- Developed highly optimized data models using dbt to implementing a data mesh architecture across critical CRM and non-profit datasets, guaranteeing high data fidelity and improving the accuracy of downstream analytics.
- Governed the execution of PII compliant data pipelines that ingest, transform, and extract data across the entire platform with proper RBAC, ensuring adherence to strict SOC 2 compliance standards, thereby mitigating risk for the organization.
- Built and maintained Airflow orchestration that enables complex workflow scheduling, dependency management, and provides clear visibility into all data operations.
- Implemented advanced platform monitoring and alerting systems, proactively identifying performance bottlenecks and potential data quality issues, resulting in visibility of issues for the core platform services.
- Managed the comprehensive Snowflake DataOps lifecycle—including DevOps, development, and integration—to deliver performant, secure, and cost-effective solutions by collaborating directly with AWS and Snowflake experts across multiple engineering teams.

- Spearheaded the implementation of a GitOps CI/CD pipeline utilizing GitLab for both AWS infrastructure (LZA) and Snowflake deployments across several corporate accounts, streamlining deployment workflows and standardizing governance.
- Designed and enforced critical data governance controls, implementing granular Role-Based Access Control (RBAC), Data Access Control (DAC), and comprehensive PII management within Snowflake to maintain the highest level of data security and compliance.

EVOLVING LABS, Birmingham, MI

11/2024 – 1/31/2026

Owner/Principal Architect

- Lead and coach architects and technical staff on engineering and agile best practices as well as architecture standards, governance and patterns.
- Document architecture, technical specifications, roadmaps, processes, and design decisions.
- Balance technical requirements with budget constraints to make cost-effective decisions in technology selection and design to ensure that IT projects stay within budget.
- Managed State of New York Department of Taxation and Finance and Department of Labor data migration from very large database with billions of records, spanning 20yrs of data, for application modernization project using ETL and ELT strategies.
- Performed data architecture to create migration process to move from WCS/HCL Commerce to new platform.
- Created proof of concepts and demonstrations to prove technology and architecture for various clients.
- Served as Enterprise Architect for B2B IAM platform; created Azure cloud native architecture for platform, supervised implementation team, and worked with Product Team.
- Aligned with cyber security and enterprise architecture to create cross-organization platform.
- Built scalable Azure cloud infrastructure for IAM platform on Azure Platform integrated with SAP CDC.

OLLION, Liberty Lake, WA

1/2023 – 11/2024

Principal Architect

- Led architecture, design and implementation of AI integration frameworks, automations and shared/platform capabilities to enable AI solutions across the enterprise.
- Developed the application modernization practice by creating policies, processes, asset management, and produced a go to market strategy for the consulting practice.
- Established goals and measured performance of team members; coached and mentored staff.
- Consulted with clients to provide technical assessments, create assessment documents and develop proof of concepts, and produced AWS MAP assessments.
- Served as presales architect to analyze customer needs and solutions; provided estimates for statement of work and assessments.
- Led implementation teams; designed solutions for delivery on the statement of work goals.
- Created RAG offering with team; set development objectives, reviewed code and conducted demos for AWS Sales team.

LA-Z-BOY, Monroe, MI

2/2021 – 1/2023

Enterprise Architect

- Collaborated with senior executives to develop and drive enterprise-wide functional strategies, working across various knowledge and functional areas across the enterprise to lead integrations.
- Researched and performed technical discovery, presentations and demonstrations, proofs of concept and documentation of technical decision criteria.
- Integrated data and services between La-Z-Boy and Joybird.
- Designed and implemented data platform for customer, order and inventory data.
- Integrated Snowflake, Fivetran (HVR), with Postgres, Oracle, and Microsoft SQL Server.
- Transformed data with DBT in Snowflake; created AWS solution for data integration within Snowflake.

- Developed Spring Boot services in AWS for integration with data platform.
- Led full lifecycle of AWS implementation: interfaced with vendor, developed requirements, evaluated demand, and communicated product benefits; transitioned to production support.

ALLY, Detroit, MI

3/2020 – 2/2021

Technical Lead/Development Manager

- Served as lead engineer and application architect for dealer finance services portal.
- Established quality assurance processes, testing procedures, and monitoring tools to identify and prevent defects and issues.
- Managed Okta IAM integration for all dealers; built microservice applications on AWS platform.
- Worked with Terraform scripts to deploy React applications to AWS S3.
- Utilized Spring Boot services on-premise and in AWS; created CI/CD Jenkins pipelines with Terraform.
- Provided architecture and development for Spring WebFlux and Spring Boot applications.

FORD MOBILITY (through Tech Systems), Taylor, MI

2/2019 – 11/2019

Solutions Architect (Consultant)

- Created logical and physical architecture for cloud native solutions and implemented applications.
- Designed and architected microservices platform built on Pivotal Cloud Foundry and running on Azure.
- Created solutions for product features for connecting vehicle, mobile devices and cloud applications.
- Designed serverless applications and Kafka streaming applications on AWS and Azure Cloud platforms.
- Performed data modeling for NoSQL Cloud databases; provided architecture for services.
- Created Azure serverless functions with Kafka integration and microservices APIs.
- Worked with Azure to integrate Event Hub, serverless functions in Java, and Cosmos database for proof-of-concept application.

EVOLVING LABS, Birmingham, MI

3/2010 – 3/2021

Owner/Principal Architect

- Project managed client engagements from pre-sales through delivery.
- Provided technical guidance around client requirements to ensure that solutions met the needs of the end user as well as the client's goals.
- Served as the solution consultant on complex sales opportunities, leading pre-sales technical activity for prospective customers.
- Performed full spectrum of sales functions, from lead generation to contracting and implementation; negotiated contracts/terms/agreements.
- Developed and delivered engaging demonstrations, wrote proposals, and documented use cases.
- Analyzed data using reporting tools to demonstrate quantifiable value to prospects and customers.
- Collaborated with client cross-functional teams (product management, engineering and design).
- Developed, launched and support State of NY Department of Taxation and Finance and Department of Labor for the online services platform, facilitating collection from three million active business accounts.
- Implemented a complete site redesign for enterprise access management platform.
- Designed B2B store and punch out store for IBM on WebSphere Commerce v8 for Commerce Cloud platform. Managed the CI/CD process for the project. Supervised team of five developers both on-shore and offshore and performed cloud administration tasks.
- Created the development virtual machine for all developers and set up Git repository with GitHub and trained team on using Git with IBM Rational Developer.
- Served as solutions architect for Graybar B2C implementation, providing design, development, leadership, and integration expertise.

- Supervised a team of eight developers, including offshore teams, leading code reviews and managing the software development lifecycle.
- Led a team of six developers at Praxair; gathered functional requirements and provided design as well as technical design and implementation.

Previous work experience with IBM, J Walter Thompson and Sirius Computer Solutions with roles in architecture and engineering.

EDUCATION AND CERTIFICATION

WAYNE STATE UNIVERSITY, Detroit, MI

Bachelor of Arts in Mathematics

Snowflake SnowPro Core Certification

Previous AWS Associate Solution Architect and Developer certifications

TECHNICAL SKILLS

Amazon AWS, Microsoft Azure, Snowflake, Java, JavaScript, Typescript, Express.js, React, Angular, Spring framework, Spring Boot, REST, SQL, NoSQL, JSON, Node.js, PHP, Groovy, Gradle, Ruby, Python, Nginx, Apache Tomcat, Apache HTTP Server, WebSphere MQ, DB2, Oracle, Postgres, Docker, MongoDB, Linux, Unix, Kafka, SAML, OIDC, OAuth, JWT, JDBC, JMS, SOAP, HVR, IBM, Rust, MCP, Cargo, WebSphere, Okta, SaaS, PaaS, RAG, Word, PowerPoint, Excel, Visio, eCommerce platforms, IAM Platforms, RBAC, GraphQL, SSO, EJB, AJAX, Dropzone.js