Mike Reams

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**Director of Enterprise Architecture | 24 Years of Experience**

**Thought Leader | Innovator | Relationship Builder | Technology Enthusiast**

I began my formal career in 1999 by offering to work for free just to be around technology; I ended up getting paid-for-hire and then an internship at IBM. Since then, I have served as a mentor for start-up companies for Project Runway in Atlanta, been an active volunteer, managed a $300 million IT budget, obtained a healthcare blockchain technology patent, and gained extensive experience with API’s, Blockchain, Data, Cloud, and Security-based technologies.

I have spent over 24 years implementing, supporting and/or designing enterprise-level solutions for Microsoft/AWS/IBM/GCP, Oracle, Okta, and ServiceNow. I’ve been in leadership the past 8 years while also as a contributor and maintaining a high return-on-time. I co-founded two businesses (MT Mining Company in 2021 and Creative Social NFT Inc. in 2022). I have also competed in over fifty hackathons, placing in twelve of them. Focus, Discipline, and Consistency runs through my veins. I am passionate about trading various markets (stocks/bonds/crypto), AI, blockchain, cloud, cybersecurity, IoT, data, innovation, and serving/leading others while remaining hungry for more and with a burning desire to open new doors where none exist!

My slight southern accent will give-away my US citizenship and lack of needing sponsorships.

**WORK EXPERIENCE**

**Bennett Adelson** – *Cleveland, OH* Jan 2023 to Present

**Practice Director of Security and Cloud Infrastructure**

Responsible for the overall success of all Microsoft Azure and AWS projects, scoping engagements, creating the technical aspects of statements of work, managing a portfolio of concurrent engagements for various types of clients.

* Led deep technical planning, architecture, and migration discussions with senior client executives to drive cloud-based solution deployments and create statements-of-work.
* A key role player in both the pre- and post-sales efforts, working closely with the sales team to scope project opportunities, as well as manage service delivery teams consisting of consultants, solution architects and solution engineers.
* Abreast of current industry trends and identify potential threats and opportunities.
* Generated $680k of revenue in the first 4 months with $1.4 million projected.
* Managed project timelines, budgets, and resources to ensure successful project delivery.
* Maintain current information on trends and best practices within relevant technical, functional, and industry within the practice area.

**Quadax Inc.** – *Cleveland, OH* Jun 2019 to Dec 2022

**Director, Enterprise Architecture**

Innovative thought leader in healthcare revenue cycle optimization solutions, enabling our company to drive new modernized cloud-based product offerings. Recognized as a diplomatic straight-talker, taker of initiative, and curious mind who adapts to fast-changing environments through creative and innovative problem-solving.

* Served as key IT Adviser/CTO to our C-Suite board
* Established technology strategies and roadmap enabling portfolios to support current and future capabilities
* Managed a high performing 8-person EA Team and an external team of consultants.
* Facilitated organizational change and overall technical oversight
* Provide technical leadership on assessment, design, and implementation of security
* Designed an award-winning cloud-based SaaS offering for Claims Management ([KLAS](https://klasresearch.com/best-in-klas-ranking/revenue-cycle-claims-management/2022/11))
* Introduced EA & Innovation programs, Hackathons, portfolio management, cloud transition, modern workplace, architect career ladders, and grew to an 8-member team
* Trailblazed the Cloud transition and adoption for both Azure & Microsoft 365 (including Exchange)
* Led cloud transformation engagement for greenfield cloud stack
* Modernized the entire Software Development Life Cycle (SDLC)
* Ensured all cloud-based solutions were HIPAA/HITRUST/PCI/SOCII/GDPR compliant
* Partnered with Security & Compliance Officer for maintaining cloud compliance
* Reduced cyber-security insurance by $80k the 1st year, additional $25k after and lobbied for 3 new headcounts
* Managed the annual operating and capital budgets with orchestrating a new budget approval process
* Led transition of CapEx to OpEx operating model while reducing overall expenditures by $128k per year
* Led the process, definition, and governance of Enterprise Design Standards, Patterns and Best Practices
* Established programs around enterprise data management, cybersecurity, identity & access management, API management, and cloud governance
* Established overall technology standards and practices and ensure adherence
* Organized first internal company hackathon in 2020 and deployed 2 ideas to market
* Introduced new enterprise tools including Salesforce, Okta, and M365.

**Cox Enterprises Inc.** – *Atlanta, GA* Apr 2016 to Jun 2019

**Lead Enterprise Architect**

Roadmaps, Designs, Investment Portfolio Analysis, Research, Digital Presence, Long-Range Budget Planning, Technology Expertise, and Black Ops were among my core responsibilities for the world's largest private company in the communication industry and 15th largest overall in total revenue.

* Managed consulting teams of 20+ people
* Orchestrated the EA program for guiding deliverables in the direction for 50+ technology & business strategies
* Applied technology trends and the practical application of existing, new, and emerging technologies to enable new and evolving business and operating models
* Managed research subscriptions for Gartner and Forrester
* Defined principles, guidelines, standards, and solution patterns to ensure solution decisions aligned with the enterprise's future-state architecture vision
* Created strategies for Voice-First, Mobile First, Cloud Computing, Identity & Access Management, Office 365, and Oracle Product Management
* Designed and deployed sophisticated large-scale implementations

**Cox Enterprises Inc.** – *Atlanta, GA* Jan 2015 to Apr 2016

**Lead Solutions Architect**

Along with my typical architect responsibilities, I oversaw a $300 million operating investment portfolio, hired, and led 15 team members.

* Introduced Design Patterns, IT Governance & Standards, Architecture Policies/Principles, BPMN, Best Practices, Architecture Artifact Templates, Reference Architecture, TOGAF, and Trade-Off Analysis
* Designed and directed the governance activities associated with ensuring solutions architecture assurance and compliance
* Led architecture review board assessments of modern technology and solution designs
* Led enterprise strategies with opportunity identification, value cases and portfolio analysis
* Provided input to department budgets and created project forecasts for 3-year outlooks

**Cox Enterprises Inc.** – *Atlanta, GA* Jan 2013 to Dec 2014

**Sr. Solutions Architect**

Became the first tilted person as a "Solutions Architect" and became known to constantly setting the bar as a leader for the organization. Though Identity Management was my forte, I expanded my innovative experience through exploration of various technologies through proof-of-concepts, keeping up with trends and by continuous collaboration with specialized cross-domain teams.

* Authored 450+ implementation plans and 250+ Solution Documents
* Led the expansion of IAM responsibilities and centralization of IAM controls
* Authored architecture templates for reference architecture and solution documentation
* Implemented portfolio tools that mapped out the Business, Application, and the Technology
* DevOps for Identity ecosystem for all Federation, Provisioning, and Access Management
* Technical Writer for Solution Architecture Documents, Technical Architecture Documents, Business Requirements, Implementation Plans, Application Support Guides, Change Processes and Standard Operating Procedures

**Cox Enterprises Inc.** – *Atlanta, GA* Jan 2011 to Dec 2012

**Sr. Application Administrator**

Founded my branding as the Implementation Guru, Innovator, and a Visual Representation Master. I worked with all external Architects for implementing and documenting architecture solutions which allowed me to learn from the best. From elegant implementation documents to creative visual representations, my work became the benchmark standards guide.

* Innovation contest winner for an idea of "Streamlining the Enterprise with Relationships"
* Lead troubleshooting sessions that brought resolution more efficiently versus spending too much time on the problem
* Conducted training sessions with employees for knowledge sharing
* Documented non-production technical architecture in Visio from infrastructure to logical viewpoints
* Led development team from design to deploy with emphasis on Lifecycle Management
* Lead the architecture design of the entire Enterprise Portal platform for 36,000+ Retiree Community using Oracle WCI, OVD, OAM, & OID
* Improved collaboration of our engineering teams by leveraging SharePoint which created process forms for Load Balancer and Firewall requests with workflow

**Cox Enterprises Inc.** – *Atlanta, GA* May 2008 to Dec 2010

**Sr. Systems Administrator**

Written over 300+ Implementation plans for enterprise applications that later lead into building this entire process into InfoPath which was designed for documenting how implementations are deployed. Trained on Identity Management products for playing a DevOps role. Also was a Subject-Matter Expert on Portal technologies and identity provisioning.

* Established various templates for visual infrastructure documentation
* Implemented a variety of Identity Management and Portal solutions
* Partnered with Enterprise Architecture on various projects on how solutions are deployed

**Cox Enterprises Inc.** – *Atlanta, GA* Jul 2006 to May 2008

**Systems Administrator**

Started as a consultant with providing System Administration on the Corporate Portal infrastructure while also working with all Identity Management implementations. With having a Server Engineering background, I transitioned to the Application side.

* Managed the Oracle infrastructure
* Assisted EA Team with Portfolio Management

**Porsche Cars North America** – *Atlanta, GA* Oct 2006 to May 2009

**Portal Consultant**

Became an outside consultant for Plumtree G6 Portal administration while working at Cox Enterprises.

* Provided outside consulting for administration to Plumtree G6 Portal developing several InfoPath forms for Inventory and access request
* Designed workflows that use .NET web service to connect to SharePoint

**NASCO** – *Atlanta, GA* Sep 2005 to Jul 2006

**Sr. Server Engineer**

Led the IT support team for conducting weekly meetings for managing the data center and maintained a high-performance rating for the department.

* Managed 100 + Physical servers and over 100 + Virtual servers. As we matured, we decreased the Physical footprint by 50% in the time I was involved
* Increased production server resource availability from 92.5% to 99.6% by implementing a monitoring solution and incorporating a change control process
* Increased Backup success rate by 65% by designing a new architectural backup solution

**American Cancer Society** – *Atlanta, GA* Dec 2004 to Sep 2005

**Web Systems Engineer**

Consultant for the Plumtree Portal platform.

* Provided administrative support for the Plumtree Portal platform
* Developed .NET portlets for executive reporting and searching capabilities

**The EPI Companies** – *Atlanta, GA* Jul 2003 to Dec 2004

**System and Application Administrator**

Provided the overall company IT support along with managing the IT budget. Collaborated with the CEO and VP’s on aligning the technology with the business strategy.

* Managed the entire infrastructure
* Built SQL stored procedures for data automation
* Provided end-user support

**IBM** – *Atlanta, GA* Dec 1999 to Jul 2003

**Sr. Systems Support Specialists**

I began my career through the internship program at Valdosta State which brought me to IBM in Atlanta. I never went back

* Provided end-user support for learning services division.
* Learned many different products on the IBM software platforms including Tivoli, AIX, DB2, Lotus Notes, and many more

**EDUCATION**

**Troy University** – *Atlanta, GA*

Global Business Management & Economics, 2014-2016

**Kennesaw State University** – *Atlanta, GA*

Computer Information Systems, 2003-2005

**Valdosta State University** – *Valdosta, GA*

Computer Science, 1999-2001

**North Florida Community College** – *Madison, FL*

Pre-Med, General Business Management, 1997-1999

**DOMAIN KNOWLEDGE**

|  |  |
| --- | --- |
| * APPLICATION DEVELOPMENT
* BUSINESS ANALYTICS
* CLOUD (Azure/AWS)
* CYBERSECURITY
* BLOCKCHAIN/CRYPTOCURRENCY
* BPMN
* CONTAINERIZATION
* ENTERPRISE CONTENT MANAGEMENT
* ENTERPRISE RESOURCE PLANNING
 | * DATA MANAGEMENT/GOVERNANCE
* DEVOPS
* IDENTITY & ACCESS MANAGEMENT
* INTEGRATION/API MANAGEMENT
* INTERNET OF THINGS (IoT)
* MACHINE LEARNING
* NETWORKING
* SERVERS AND SERVERLESS
* WEB3
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**INDUSTRY EXPERIENCE**

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| --- | --- |
| * AUTOMOTIVE
* CRYPTOCURRENCY
* CONSERVATION/ENERGY
* FARMING
* FINTECH
* GAMING
* HEALTHCARE
* INSURANCE
* INTERNET SERVICE PROVIDER
 | * MACHINERY
* MANUFACTURING
* MEDIA/TELECOMM
* MILITARY/GOV
* PRINTING
* PRIVATE EQUITY
* RESTAURANT
* RETAIL
 |
|  |  |

**INDUSTRY FRAMEWORKS & STANDARDS**

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| --- | --- | --- |
| * APQC
* BIAN
* CIS
* COBiT
* FHIR
* FISMA/FedRAMP
* GDPR
 | * ISAE 3402
* ISO 27001/27002
* HIPAA
* HITRUST
* ITIL
* NIST
* PCI DSS
 | * SAFe
* SABSA
* SAML/OAuth 2.0
* SOA
* SOX
* TOGAF
* ZACHMAN
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**TOOLS & TECHNOLOGY STACKS (**[**REFERENCE**](https://mikereams.com/technology)**)**

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| --- | --- |
| AI, API’s/Microservices, Alexa, Analytics, Automation, Active Directory, AAD, Azure DevOps, Azure API, Azure Sentinel, AWS/GCP, Arduino, Atlassian, BPMN/UML/SOA modeling, Blockchain, ChatGTP, ChatBots, CosmosDB/MongoDB, Databricks, Docker, e-Commerce, EDI/EHR software, EDW/ETL Tools, F5 Appliance, Figma, Gartner/Forrester, GitHub, Grafana, iServer, IPFS, Kafka, Linux, Machine Learning | Data Management, M365 Stack, MashUp, .Net, AngularJS, CSS, HTML, ITIL, Java, SDLC, JavaScript, JSON, Kubernetes, Moralis, MIIS/ILM,Next.js, Node.js, OpenZeppelin, Python, TailWind, Oracle(SOA Suite, PeopleSoft, OAM/OIM), Orbus, Power BI, PowerPoint, Prisma, Python, React, Sanity.io, Salesforce, SIEM, ServiceNow, Slack, Snowflake, Splunk, Supabase, Stripe, SQL, Voice Assistants, Terraform, Tableau, Troux/PlainView, TypeScript, Visio/Lucid Charts, Visual Code, VMWare, Windows |

**CERTIFICATIONS & AWARDS**

* [Microsoft Certified: Azure Solutions Architect Expert](https://www.credly.com/earner/earned/badge/49014b5a-2197-4c10-9dd3-7af3cd7b44a6) | Nov. 2020
* [AZ-304: Microsoft Azure Architect Design](https://www.credly.com/badges/df2d8f7b-9c2a-4451-9454-2b7aa0d31529/linked_in_profile) | Nov. 2020
* [AZ-303: Microsoft Azure Architect Technologies](https://www.credly.com/badges/bd71249f-1ef5-4323-8343-59da4b3558e3/linked_in_profile) | Nov. 2020
* [Microsoft Certified: Azure Data Fundamentals](https://www.credly.com/earner/earned/badge/593a1b8e-c873-4b2e-9448-0b9108293bb4) | Aug. 2020
* [Microsoft 365 Certified: Fundamentals](https://www.credly.com/badges/dcac91f6-07da-418f-bf7d-17997335a5fa/linked_in_profile) | Aug. 2020
* [Microsoft Certified: Azure Fundamentals](https://www.credly.com/badges/7f566802-b2d7-435c-b5f9-163e3155cf97/linked_in_profile) | June 2020
* Won 3rd place in Fintech Hackathon | Atlanta, GA 2017
* Won 1st place in Microsoft Hackathon | Atlanta, GA 2016
* Awarded high school top male academic student-athlete | 1997
* Designed award-winning cloud-based SaaS offering for Claims Management ([KLAS](https://klasresearch.com/best-in-klas-ranking/revenue-cycle-claims-management/2022/11))

**VOLUNTEER EXPERIENCE**

**Atlanta Project Runway** – *Atlanta, GA* 2018-2019

Start-up Mentor and partnered with VCs

**Atlanta Union Mission Corp** – *Atlanta, GA* 2013-2019

Feed the homeless shelter volunteer

**Habitat for Humanity** – *Atlanta, GA* 2010-2019

Worked with Clark Howard each year to build a home

**Goshen Valley Boys Ranch** - *Atlanta, GA* 2015 to 2019

**PROJECT HIGHLIGHTS**

* **2022** **Web3** **Decentralized Application** | Designed and built a revenue-generating web3 DApp tech stack for an NFT marketplace. This included a patent Tone technology for event ticketing.
* **2022** **Access Management Refactor** | Orchestrated refactoring of entire access management platform by migrating from homegrown to Azure B2C & Okta (IdP + inbound federation). Enabled OAuth for SSO and SCIM for user provisioning. Reduced operation overhead by 22% and cybersecurity insurance by $220k+ per year.
* **2021 SnowFlake/AWS Data Migration** | Architected data migration of on-prem proprietary software with SQL databases to Snowflake using AWS for managed service hosting. Partnered with external vendor to perform execution. Enabled SCIM and SSO into Azure AD (OAuth 2.0).
* **2020-2021 Replacement of Mashery API** | Architected and deployed Azure API Management, APIM Gateway, and all the other dependent resources including VPN Gateway tunnel to Data Centers over 1 DIA; dedicated and isolated Virtual Networks and Subnets, Firewall rules, and back-end systems. Saved $120k by not renewing the contract of Mashery and the cost of hosting + maintenance. We leveraged Azure DevOps + Terraform for managing infrastructure. Also performed Penetration Testing and Network Segmentation.
* **2021-2022 Operationalized IT Processes** | Ideated and led initiative of improving/reducing current processes while introducing modernized processes conducive to a future-state IT Service Catalog and CMDB. These were defined in BPMN models using Visio and TOGAF templates. Introduced Security Continuous Monitoring and Detection and improved Incident Response SLA’s. Brought in managed service provider for implementing Sentinel (SIEM).
* **2021** **Payer** **Insurance Data Model Redesign** |Designed new data model for payer insurance providers for all EMR integrations and published into the Snowflake marketplace. Introduced MDM and reference architectures from this project.
* **2021** **Crypto** **Mining Farm** | (*side hustle project*) Designed and constructed a 1000 AMP crypto mining barn generating $3k+ per day. Mined Bitcoin, Litecoin, and Kadena. Setup everything from 240V electrical wires, networking, and security monitoring.
* **2021/2022** **Modern Workplace Adoption** | Orchestrated the adoption and transition of M365, established policies/governance and negotiated vendor agreements. Implemented InTune & DLP.
* **2020/2021 Organized Company Hackathon** | Organized and led the 1st annual hackathon that included over 70 participates and 10 teams. Established innovation pipeline that incubated 6 ideas and 2 revenue generating production deployments. Also included 3 cloud skills challenges.
* **2020-2021 Digital Transformation Journey to The Cloud** | Orchestrated our transition to Azure and M365 while adhering to strict industry regulations in healthcare. Implemented Hybrid cloud with on-prem data centers and integrated a new Identity Management system. Reduced CapEx by 35% over 3 years after license liabilities by shifting to OpEx and new MSP for M365 licensing model. Managed compliance for HIPAA/PCI.
* **2020-2021 Introduced ITIL & SAFe** | Initiated and co-implemented strategy on leveraging ITIL concepts such as service catalogs and app portfolio management. Moved away from waterfall/traditional EA and toward agile methodologies using SAFe.
* **2020 Cloud Strategy Engagement** | Led the cloud engagement initiative by evaluating trusted partners for moving to a cloud platform and define a ‘go forward’ strategy with a cloud computing architecture roadmap.
* **2019 Cyber Security** **& Vulnerability Implementation** | Delivered the governance process framework for certification of application access and introduced transformation standards.
* **2019 Race to the Cloud** | The Technical Lead for a new program managing Office 365/Azure for all 100K+ workforce, created an enterprise-wide Cloud Computing strategy roadmap and developed new optimized business processes.
* **2018 Azure Multi-Factor Authentication (MFA)** | Office 365 cloud platform was established as a continuing endeavor to establish security protection of company data and adaptability.
* **2018 Technical Debt Framework |** Designed and constructed a solution for automatically managing and recording Technical Debt with reporting against Qualys/ServiceNow.
* **2018 Central Repository and TOGAF 9.2 Implementation** |Incorporation of TOGAF 9.2 into our Architecture processes that increased our solution delivery time by 50%.
* **2018 Cloud Decision Framework |** Created a decision flow framework to help determine implementation path of cloud computing that also allows for continuous process improvement.

**2014 to 2017**

* **The Lead Architect for Vulnerability Management Risk & Governance** | Designed remediation mechanisms (i.e., Project Deliverable, scheduled maintenance, work request, or emergency) needs
* **The Lead of the Enterprise Architecture Team** | *Introduced* Technical Debt, App Scorecard, IT Ecosystem Checklist, Principles, Roadmaps, IT Standards and *created* strategies for API/Integration, Automation, App Portfolio, Cloud Computing, IAM, and Voice
* **The Lead of the Solutions Architecture Team**. | *Introduced* Design Patterns, TOGAF 9.2 Methodologies, API’s, BPMN, Best Practices, Standards, Architecture Artifact Templates, Reference Architecture, and Trade-Off Analysis. Subject matter expert and Technical Leader for IT Domains
* **Captured all business drivers and business capabilities** | determined corresponding enterprise system designs and change requirements to drive the organization's targeted business outcomes
* **Applied industry trends of emerging technologies** | enabled new and evolving business and operating models as I’m responsible for Enterprise Research
* **Design and lead the implementation of a solutions** architecture across a group of specific business applications or technologies based on enterprise business strategy, business capabilities and business requirements
* **Designed and directed the governance activities** associated with ensuring solutions architecture assurance and compliance. Accountable for managing EA activities for creating deliverables that guide the developing direction for managing a portfolio of solutions in response to disruptive forces, and driving achieving targeted business outcomes
* **Facilitated the evaluation and selection of software product standards and services**, as well as the design of implementation standards and custom software configurations
* **Created strategies for** Voice-First, Mobile First, Cloud Computing, Identity & Access Management, Office 365, Information Security, and Oracle Product Management
* **Integrated** **Alexa Voice Assistant** into ServiceNow for both Portfolio Management and ticketing
* **Author of a pending Patten** for **Health Care Fog Computing** leveraging **Blockchain**, **Containerization**, and **EHR** (e-Health Records)

**SHOWCASE OF WORK (**[**REFERENCE**](https://mikereams.com/showcase)**)**

[**SmartTickets**](https://smarttickets.io/) 2022-2023

A web3 ticketing platform with embedded tones written in Next.js that integrates with Stripe, PassKit, and a patented technology called [TONE](https://thetoneknows.com/). Almost complete and launching Q1 2023.

[**SmartTickets Swagger API**](https://api.smarttickets.io/swagger) 2022

A custom built next.js app using Swagger and based on the OpenAPI Definition and conforms to the OpenAPI Specification.

[**NFT Marketplace Template**](https://nft-marketplace-cyber.vercel.app/) 2022

This project was written in React and the repo is located [here](https://github.com/solventarchitect/NFT-Marketplace-Cyber-React).

[**Robinhood Clone**](https://robinhood-moralis-nextjs.vercel.app/) 2022

This project was written in Next.js and the repo is located [here](https://github.com/solventarchitect/robinhood-moralis-nextjs). It integrates with Moralis and ThirdWeb.

[**Automated IoT Garage**](https://www.hackster.io/mikereams/my-first-smart-garage-2dca85) 2019

This project was an attempt to enable my garage to work with Home Assistant using MQTT and Amazon Garage. This was “fog computing” in that I created a local cloud environment.

*All men can see these tactics whereby I conquer, but what none can see is the strategy out of which victory is evolved. —Sun Tzu*