

MO HAFEZ

EMERGING TECHNOLOGIES & MODERNIZATION STRATEGIST

AI Governance | Technology Evaluation | Infrastructure Architecture | Executive Advisory
Arlington, VA | linktr.ee/mohafez | [linkedin.com/in/hafezm](https://www.linkedin.com/in/hafezm)

EXECUTIVE PROFILE

Emerging technology strategist and infrastructure modernization leader with 17+ years of experience in technology strategy, technical project leadership, architecture evaluation, and executive advisory. Researches and translates complex technologies—including artificial intelligence, agentic workflows, immersive and spatial computing, cloud platforms, and secure distributed networks—into executive briefings, strategic assessments, governance frameworks, and actionable modernization roadmaps. Experienced across global enterprise, federal contracting, higher education, and emerging-technology environments.

CORE EXPERTISE

**Emerging Technology Research & Evaluation | AI and Agentic Systems | Spatial Computing, VR & AR
Infrastructure Modernization | Solution Architecture | AI Governance & Responsible Adoption
Technical Assessments & Strategic Roadmaps | Executive Briefings | Emerging Technology Thought Leadership
NIST & ISO 27001 Alignment | Cross-Disciplinary Research, Synthesis & Public Communication**

SELECTED STRATEGIC & TECHNICAL IMPACT

- Advised CTOs, CIOs, founders, and senior leaders on complex technology choices, translating architecture, risk, and organizational constraints into clear recommendations and executive-level narratives.
- Led multi-million-dollar global technology initiatives and proof-of-concepts across cloud, SD-WAN, secure networking, and distributed infrastructure.
- Directed cloud-first modernization that delivered \$350K+ in savings, strengthened resilience, and aligned enterprise infrastructure with NIST-informed security practices.
- Led an ISO 27001 certification in a federal contracting environment and developed the CLEAR Framework for responsible technology and AI adoption.

PROFESSIONAL EXPERIENCE

Founder & Chief Strategy Officer

ByteWise LLC | Tysons Corner, VA | 2024–Present

Emerging-technology strategy, executive advisory, responsible AI, and organizational capability firm.

- Research and evaluate emerging technologies including generative AI, agentic workflows, local AI infrastructure, spatial computing, and responsible adoption, translating findings into executive recommendations and implementation roadmaps.
- Produce strategic assessments, executive briefings, governance frameworks, workshops, and adoption plans for technical and non-technical decision-makers.
- Advise leaders on technology architecture, organizational readiness, data sovereignty, vendor dependency, governance risk, and build-versus-buy decisions.
- Lead rapid discovery and analysis engagements that synthesize technical, operational, market, and stakeholder inputs into prioritized actions.
- Created the CLEAR Framework for evaluating transparency, fairness, accountability, stewardship, and human impact in technology and AI adoption.

EMERGING TECHNOLOGY THOUGHT LEADERSHIP

Founder & Host, Beyond the Byte

Emerging Technology Podcast | Audience of nearly 6,000 subscribers

Long-form conversations with the leaders, researchers, founders, and builders shaping emerging technology.

- Research and interview experts across artificial intelligence, quantum computing, robotics, VR/AR, spatial computing, gaming and digital architectures, digital twins, cybersecurity, and technology ethics.
- Prepare cross-disciplinary conversations that test technical claims, surface implementation realities, and connect emerging capabilities with business, policy, governance, and human impact.
- Translate complex technologies and competing expert perspectives into accessible strategic insights for executives, technologists, students, and public audiences.

Adjunct Professor

Johns Hopkins University | Washington, DC | 2024–Present

Adjunct faculty member in the Energy Policy and Climate Program, teaching Artificial Intelligence, Renewable Energy, and Climate Change.

- Design and teach graduate-level coursework examining AI systems, machine learning, generative AI, local language models, retrieval-augmented generation, data governance, environmental impacts, and responsible adoption.
- Translate AI architectures, technical capabilities, and ethical tradeoffs into practical decision frameworks for policy-oriented, non-technical graduate audiences.
- Develop technical demonstrations, case assessments, and executive-style presentations connecting emerging technology with energy, climate, ethics, and public policy.

ENTERPRISE & FEDERAL TECHNOLOGY LEADERSHIP

Senior Solutions Engineer & Global Technology Strategy Advisor

Expereo | Reston, VA | 07/2019–05/2024

Trusted advisor to global enterprise customers and executive leadership, aligning complex architectures with business outcomes.

- Evaluated global SD-WAN, cloud, secure-networking, and distributed infrastructure architectures for enterprise modernization initiatives valued in the millions of dollars.
- Led technical discovery, requirements definition, proof-of-concept evaluation, solution refinement, and executive recommendation development.
- Briefed CTOs, CIOs, and business executives on architectural alternatives, operational risk, security, cost, scalability, and implementation tradeoffs.
- Coordinated engineering, commercial, vendor, and customer stakeholders through complex, time-sensitive technology decisions while mentoring technical teams.

Director of Information Technology

IntelliDyne, LLC | Falls Church, VA | 06/2014–03/2019

Led infrastructure strategy and modernization for a government-focused organization in a federal contracting environment.

- Directed enterprise infrastructure modernization, developing technology roadmaps and architecture decisions aligned with NIST standards, security requirements, operational resilience, and business priorities.
- Led the organization's first successful ISO 27001 certification, establishing governance controls and documentation that expanded eligibility for federal and enterprise opportunities.
- Managed technical projects, engineering teams, vendors, budgets, risk assessments, and modernization priorities across business-critical infrastructure.
- Produced technical recommendations and leadership briefings addressing security, compliance, cost, performance, and implementation risk.

Co-Founder & Chief Technology Officer

Discovery Deep | Washington, DC | 01/2015–01/2018

Led technology strategy for an immersive-media venture developing VR and 360-degree digital representations of underwater environments.

- Evaluated and integrated spatial computing, VR/AR, Unity, and 360-degree capture technologies for digital preservation, simulation, education, training, and immersive storytelling.
- Translated emerging capabilities into product concepts, audience experiences, implementation requirements, and partnership narratives.
- Led feasibility analysis across capture workflows, platform architecture, user experience, and field-deployment constraints.

EARLIER TECHNOLOGY LEADERSHIP

MarketResearch.com — Director of Information Technology | Infrastructure stabilization, IT governance, vendor management, budgeting, and team leadership

Global Thinking — IT Manager / Systems Administrator | Network modernization, infrastructure planning, VDI, and systems management

Team Askin Technologies — Windows Systems Administrator | Government technology delivery, Agile support, testing, virtualization, and systems lifecycle management

EDUCATION & PROFESSIONAL LEADERSHIP

James Madison University | MBA, Executive Leadership | Bachelor of Science, Economics

Leadership & Communications: Founder & Host, Beyond the Byte podcast | Executive educator, facilitator & public speaker | Member, Association of AI Ethicists | Board Member, SHE IS AI | Fluent in Arabic and French