

CAPABILITY STATEMENT

JP MORGENTHAL

Phone: (571) 249-3942 | Email: jpmorgenthal@live.com | LinkedIn: www.linkedin.com/in/jpmorgenthal

CORE COMPETENCIES

Digital Transformation & Innovation

- Digital strategy development and implementation
- Legacy system modernization and application development
- Business process mining & re-engineering
- Cloud migration strategy and execution (AWS, Azure, GCP)
- Agile software development and DevOps implementation
- Enterprise architecture and systems integration

Artificial Intelligence & Automation

- Generative AI strategy and implementation
- Agentic AI system design and deployment
- Robotic Process Automation (RPA) solutions
- Machine learning model development and fine-tuning
- AI-driven data analytics and insights

Information Management & Security

- E-archive and e-discovery platform development
- Secure data storage and retrieval systems
- Video capture, distribution, and analysis solutions
- Regulatory compliance (PCI, GDPR) expertise
- Enterprise information integration

PAST PERFORMANCE

Federal/State/Defense Sector Experience

- Led team developing a specialized video capture, distribution, and analysis platform for the Department of Defense. The solution captured high-definition video in the field, implemented tiered storage back to US-based locations, and provided desktop analysis tools for stabilizing video, annotation, and multi-user collaboration.
- Designed enterprise architecture and ontology for Customs and Border Patrol
- Modernized State of Nevada's Medicare Provider Enrollment

- Participated in capture of over \$200m in federal contracts as technology solution lead performing solution design as a core member of Blue team, SME on Red team, and authority on Gold team.
- Supported compliance audits for various federal standards and regulations.
- Experience in SLED (State, Local, Education) and Federal/DoD projects.

Innovation Track Record

- Designed and implemented e-archive/e-discovery platform for international banking, reducing legal request processing time from weeks to hours.
- For international instant games platform provider, managed restructuring and turnaround of a platform engineering effort that had continual failures and required 18-months to onboard new customers. Resulted in the ability to automatically build platform and onboard in 1 week.
- Designed modern microservices-based SaaS P-card expense management and controls system.
- Created and operated a microservices-based, SaaS for multi-retailer loyalty that allows one card to support multiple retailers. 0 → 1 effort.
- Defined the Enterprise Information Integration industry and associated product from Software AG that transformed relational data into ontological-based data graphs enabling new insights into operational data.
- Created industry-first cloud-native platforms supporting warehouse management, retail operations, and logistics using microservices architecture.
- Established one of the first service-oriented architectures on Wall Street based on CORBA.
- Pioneered early implementation of Robotic Process Automation (1988) for Citibank Credit Card Division, automating screen data orchestration and saving millions in labor costs.

DIFFERENTIATORS

- **Dual Technical & Business Expertise:** Successfully founded and exited two technology businesses, combining deep technical knowledge with business acumen and entrepreneurial vision.
- **In-depth Knowledge of Multiple Industries:** Retail, Supply-Chain, Financial Services, Insurance, Healthcare, Travel & Transportation, Telecommunications
- **Revenue Generation:** Instrumental in helping to close over \$1B in business throughout career.
- **End-to-End Technology Stack Knowledge:** From network infrastructure to user interfaces, providing comprehensive technology solutions that align with strategic business objectives.
- **Emerging Technology Leadership:** Established thought leadership in Cloud, DevOps, and AI through conference presentations, publications, and industry engagements.
- **Hands-On Implementation Capability:** Not just strategic advisory - capable of direct implementation and execution when situations demand immediate action.

- **AI Specialization:** Developed proprietary workshop methodology to guide organizations from business goals to AI agent architecture implementation in under one week.

PAST CLIENTS & PROJECTS

- **Department of Defense:** Video capture and analysis platform
- **Major Telecommunications Provider:** Migration to microservices architecture
- **Major International Bank:** E-archive/e-discovery platform across Europe and Asia
- **Medicare Systems Provider:** Next-generation enrollment and claims management
- **Automation & Digital Transformation:** Major beauty products company, pet goods provider, valve manufacturer, financial services, retail auto parts

PAST TOP EMPLOYERS

- **Automation Anywhere**
- **DXC**
- **EMC (acquired by Dell Technologies)**
- **Burton Group (acquired by Gartner)**
- **Cheyenne Software (acquired by CA acquired by Broadcom)**
- **GE/NBC (acquired by Universal/Comcast)**
- **EMI Music Worldwide**

BOOKS

- Morgenthal, JP. (2014). **Cloud Computing: Assessing the Risks.** IT Governance Publishing. ISBN: 978-1849285735.
- Morgenthal, JP. (2007). **Enterprise Information Integration: A Pragmatic Approach.** Lulu Press. ISBN: 978-1847289889.
- Morgenthal, JP & La Forge, Bill. (2000). **Enterprise Application Integration with XML and Java.** Prentice Hall. ISBN: 978-0130851352.
- Morgenthal, JP. (2005). **A Manager's Guide to Distributed Environments: From Legacy to Living Systems.** John Wiley & Sons Inc: 978-0471197126

CERTIFICATIONS & EDUCATION

- M.A., Computer Science, HOFSTRA UNIVERSITY
- B.S., Computer Science, HOFSTRA UNIVERSITY
- Coursera Certificate of Completion: Generative AI with Large Language Models
- AWS Technical Professional Certification
- AWS Business Professional Certification

COMPANY DATA

NAICS Codes: 541512 - Computer Systems Design Services 541611 - Administrative Management and General Management Consulting Services 541690 - Other Scientific and Technical Consulting Services 518210 - Data Processing, Hosting, and Related Services

Contact Information: JP Morgenthal (571) 249-3942 jpmorgenthal@live.com
www.linkedin.com/in/jpmorgenthal

COMMITMENT TO EXCELLENCE

With over two decades of technology leadership experience, I bring a proven track record of innovation and transformation to federal, state and private sector projects. My approach combines strategic vision with practical execution abilities, ensuring technology solutions that drive measurable results while meeting strict government requirements and standards.