

# Edward Monk

## Enterprise Digital Platform Architect | Technology Strategist

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### EXECUTIVE PROFILE

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Technology leader with 30+ years of experience in web development leadership, enterprise platform architecture, digital modernization, and open technology ecosystems.

Currently Head of Web Development at the Smithsonian Institution, leading web development strategy, infrastructure, and platform governance supporting more than 200 public-facing websites and mission-critical digital services.

Experience includes platform standardization, high-availability hosting, database environments, accessibility governance, and early AI-enabled discovery and information-system work in complex institutional settings.

### SELECTED IMPACT

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- **Platform standardization:** Led development of a reusable Drupal platform model that advanced enterprise standardization across Smithsonian's public-facing web ecosystem
- **Cost reduction:** Reduced web development cost by 30% through reusable architecture and shared delivery standards
- **Operational reliability:** Directed Linux-based hosting environments supporting more than 150 production web systems with 99.9% uptime expectations
- **Critical services:** Directed MySQL cluster and web infrastructure environments supporting critical institutional digital services
- **Accessibility governance:** Led enterprise web accessibility testing and governance modernization across a complex institutional ecosystem
- **Emerging capability:** Contributed to AI/ML prototype and policy work expanding institutional digital capability

### PROFESSIONAL EXPERIENCE

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#### Smithsonian Institution

**Head of Web Development / Supervisory IT Specialist** | Washington, DC | 2014-Present

- Lead web development strategy, standards, and platform direction for a large public-facing digital ecosystem
- Guide CMS delivery, reusable platform approaches, and development practices across more than 200 websites
- Oversee hosting, operational reliability, and supporting infrastructure for more than 150 production systems
- Provide leadership in accessibility modernization, digital governance, and emerging AI/ML evaluation

#### Quotient, Inc.

**Director Enterprise Applications / Principal Enterprise Solutions Architect** | Washington, DC | 2013-2014

- Led consolidation and modernization of open-source website platforms across multiple Smithsonian units
- Built scalable hosting and deployment infrastructure for high-profile public websites
- Established platform standards and delivery practices for Drupal and open-source application development

## **CompuGain, LLC**

**Senior Solutions Architect - Open Source Platforms** | Herndon, VA | 2012-2013

- Architected a centralized Drupal content publication framework for the U.S. Department of Commerce
- Advised on open-source architecture and platform strategy

## **CGI Group, Inc.**

**Senior Consultant / Enterprise Architect** | Richmond, VA | 2008-2012

- Led business analysis and quality assurance for a custom eCommerce system for the Virginia State Corporation Commission
- Automated paper-based workflows through modern web application integration with legacy systems
- Evaluated and implemented BI, CRM, document management, Drupal portal, and open-source timekeeping solutions for Virginia agencies

## **Monk & Monk, LLC**

**President - Technology Consulting** | Henrico, VA | 2008

- Delivered consulting services for ERP, business intelligence, and eCommerce initiatives
- Designed and developed custom Drupal websites aligned to accessibility, security, and privacy requirements

## **The Elevation Group**

**Director, Wholesale Distribution Systems** | Bethlehem, PA | 2006-2008

- Defined requirements and enhancements for SAP Business One in food distribution environments
- Supported adoption through technical demonstrations and market strategy

## **Performance Food Group**

**Multiple IT Leadership Roles** | Richmond, VA and Atlanta, GA | 1993-2006

Held progressively responsible roles spanning business intelligence, ERP implementation, software development, quality assurance, and IT operations.

- Delivered data-warehouse-driven reporting supporting a \$5B enterprise across 19 subsidiaries
- Built custom software and monitoring systems to improve profitability and operational visibility
- Led ERP purchasing system improvements and multi-vendor process enhancements
- Established the company's first systems quality assurance function and automated testing approach
- Managed IT operations for a 24x7 food distribution facility supporting major business growth

## **EDUCATION**

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**B.S., Information Technology Management & Business**

University of Richmond | Magna Cum Laude

## TECHNICAL DOMAINS

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- Enterprise Platform Architecture
- Web Development Leadership
- Digital Modernization Strategy
- Drupal and Open-Source CMS Ecosystems
- Public-Facing Web Infrastructure
- Linux Infrastructure and High-Availability Hosting
- Data / Database Environments
- Accessibility Governance
- AI-Enabled Digital Systems