

# Tony Silvestri

## Architect

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Architect and technical lead with 30 years of experience delivering software across enterprise, government, and consumer domains. Leads system architecture, technology selection, and development teams on large-scale engagements — from WCAG 2.1 / Section 508-compliant React/Next.js platforms for the Library of Congress to secure banking systems for the Federal Reserve Bank — with an earlier career of award-caliber interactive work for HBO, GM, Marc Jacobs, and Intel. Recent focus includes enterprise AI integration architecture with LLMs and Python backend services.

## EXPERIENCE

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### Architect

June 2014 – Present

Slalom Build — Chicago, IL / Charlotte, NC

- Technical lead and frontend architect across enterprise and government engagements, designing scalable application architectures and developing features in agile teams.
- Library of Congress (NLS): led React/Next.js development for the National Library Service for the Blind and Print Disabled; built WCAG 2.1 / Section 508-compliant component systems, dual SSO and OTP authentication, and team-wide coding standards.
- Federal Reserve Bank: architected and led Angular and Java frontend delivery for secure, performance-critical banking platforms; also contributed Angular development for USCIS.
- Developed AI proof-of-concept solutions for enterprise bootcamps: LLM integration patterns and Python backend services.
- Mentored development teams, drove technology selection, and established reusable component and design-system patterns for clients including Home Depot and WeightWatchers.

### Lead Frontend Developer

April 2009 – June 2014

Roundarch / Isobar — Chicago, IL

- Led development of high-end interactive applications and rich-media (Flash) experiences for HBO, GM, Marc Jacobs, Royal Caribbean, Carnival, MSG, Fidelity Investments, MassMutual, Bank of New York, and S&P.
- Worked embedded with design and creative direction teams, translating experience concepts into high-performance interactive builds.

### Senior Flash Developer

March 2007 – April 2009

Avenue A | Razorfish — Chicago, IL

- Built interactive brand sites and campaign experiences for JCPenney, Intel, Kraft, Neutrogena, Mercedes-AMG, Lenovo, ADT, Wyndham, and Regent Cruise Lines.
- Specialized in dynamic, animation-rich interfaces at one of the era's defining digital experience agencies.

### Senior Flash Developer

June 2000 – March 2007

Kerzner International (Atlantis) — Fort Lauderdale, FL

- Owned the flagship interactive site for a global resort destination through four platform generations; integrated Akamai CDN for worldwide delivery.

### Programmer

May 1994 – June 2000

IBM — Tampa, FL

- Developed and supported IBM Mail Exchange; earned CCNA certification.

## SKILLS

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**Frontend:** JavaScript (ES6+), TypeScript, React, Next.js, Angular, Vue, responsive & motion-driven UI, design systems, Storybook, Material UI

**Accessibility:** WCAG 2.1, Section 508, USWDS

**Backend & Data:** Node.js, Python, FastAPI, GraphQL, REST, Java / Spring Boot, MongoDB, MySQL, Pinecone

**AI/ML Integration:** LLM implementation, OpenAI integration, Hugging Face, enterprise AI architecture patterns

**Delivery:** Git, CI/CD, Jenkins, Terraform, AWS CDK, Jest, Cypress, Testing Library, Selenium, agile team leadership

## EDUCATION

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**B.S., Management Information Systems** — University of South Florida, Tampa, 1990 – 1993