Mitch Moccia

Enterprise Modernization | AI Enablement | Technical Leadership

Gulfport, FL · contact@mitchmoccia.com · 813-786-3976 · mitchmoccia.com

PROFESSIONAL SUMMARY

AI systems architect and hands-on technical lead with 25+ years across government, insurance, finance, and product ventures. Connects enterprise modernization and cloud-native delivery with AI architecture, accessible products, and cross-functional technical leadership.

PROFESSIONAL EXPERIENCE

Selected client/program engagements and independent product work.

Humana

Nov 2026 - Present

Technical Lead and UI/UX Engineer

- Modernize the internal knowledge center through technical leadership, frontend development, and UI/UX engineering in a healthcare and insurance environment.

EventPulse

Dec 2025 - Oct 2026

AI Systems Architect and Technical Lead

- Led technical architecture and frontend engineering for a multi-tenant event platform spanning AI concierge, operations, venue mapping, routing, schedules, and live data.
- Architected guarded LLM workflows with intent routing, tenant-scoped RAG/API retrieval, generation, and post-response controls; designed organization-scoped authorization and data isolation.
- Defined canonical models and REST/webhook adapters, including Swoogo ingestion. Balanced retrieval quality, latency, reliability, and cost through bounded execution, fallbacks, and observability.
- Produced architecture guidance, interface definitions, estimates, and decision records; led design reviews, backlog refinement, sprint planning, and cross-functional technical decisions.

U.S. Citizenship and Immigration Services

Oct 2021 - Present

Front-End Engineer / UX Architect | Federal program engagement

- Develop and modernize mission applications using Angular, TypeScript, .NET, Express, and REST APIs. Create reusable components and documented Swagger/OpenAPI integration patterns.
- Support cloud-native modernization and production readiness across AWS EKS, Kubernetes, Rancher, Docker, Nginx, and Jenkins.
- Apply USWDS, WCAG, and Section 508 practices; collaborate with government, cybersecurity, backend, platform, and DevSecOps teams on architecture, releases, and troubleshooting.

Brandymail

Aug 2023 - Present

Founder and Product Architect

- Own product architecture, UX, engineering, and operations for a multi-tenant email trust platform.
- Built customer, administrator, and partner workflows using Next.js, TypeScript, Node.js, PostgreSQL, and Prisma; design AI assistance with human-controlled remediation.

ADDITIONAL RELEVANT ENGAGEMENTS

GEICO | August - September 2025

Technical lead and UI/UX engineer for an insurance engagement.

Lee Enterprises NewsRing | January - May 2025

Developed a custom React experience using the Perplexity API to retrieve, synthesize, and present current information.

Insurance and financial services | Selected work, 2018 - 2024

Guardian Life (2021-2022): React portal screens and application development. New York Life ALIP (2024): frontend development with Eleventy, Nunjucks, and SCSS. Wells Fargo (2024): frontend work with Bootstrap, Eleventy, and Figma. Equifax (2018): Apigee/Drupal interface redesign.

USWDS and GSA 10x | Selected work, 2020 - 2023

Contributed to USWDS in October 2020 to February 2021 and inclusive design patterns in March 2022 to February 2023, using JavaScript and Sass. Participated in the May 2022 launch of a React-based GSA 10x project.

Federal and enterprise modernization | Selected work, 2015 - 2024

Built the entire frontend for USDA MEMS/NextGen (2015), supporting program management and evaluation. Additional work includes Toyota's Angular supplier application (2019), DoD Project Orion with React (2021), ATIS accessibility (2021), and FAA NOTAMs UI/UX engineering (2024).

ARCHITECTURE AND ENGINEERING

Architecture and delivery: Application modernization, architecture reviews, decision records, reusable patterns, cross-functional technical planning, AI-assisted engineering with human review.

AI systems: RAG, embeddings, vector search, tool-using LLM workflows, source grounding, tenant-scoped access, bounded execution, fallbacks, evaluation and observability.

Engineering and cloud: React, Angular, Next.js, TypeScript, Node.js, Express, .NET, REST/OpenAPI, PostgreSQL, AWS EKS, Kubernetes, Docker, Jenkins, Terraform, CI/CD.

Experience standards: Design systems, USWDS, WCAG, Section 508, UX architecture and frontend engineering.

CAREER FOUNDATION

Xpancom Web Services | Founder | 2005 - Present
Independent website development, web hosting, and marketing.

Xcelerate | E-Commerce Developer | 2003 - 2005

Florida Power & Light | Junior Associate Developer | 1997 - 2003

EDUCATION AND FEDERAL SUITABILITY

Bachelor of Science in Business Administration | University of Florida

U.S. citizen | Current Tier 4 Background Investigation / Public Trust suitability

Client engagements overlap with ongoing federal and independent product work.