

Angelo Mancini

Senior Engineering Leader — UI & Generative AI Engineering

manciniangelo@gmail.com · angelomancini.com

PROFESSIONAL SUMMARY

Senior engineering leader with 27+ years developing talent and delivering enterprise UI platforms, specializing in generative AI systems. Expertise spans agentic development ecosystems, LLM frameworks, enterprise design systems, micro-frontend architecture, and end-to-end product vision. Track record of consolidating fragmented technology landscapes and building platforms that make thousands of developers faster.

CORE COMPETENCIES

- | | | |
|-----------------------------------|--------------------------------------|---------------------------------------|
| • Generative AI & Agentic Systems | • LLM Frameworks & AI Engineering | • Engineering Leadership & Org Design |
| • Enterprise Design Systems | • Micro-Frontend Architecture | • Developer Experience Platforms |
| • Performance Engineering | • Accessibility & Quality Automation | • Product Vision & Strategy |

EXPERIENCE

TIAA — Sr Director, UI & Generative AI Engineering 2011–Present

- Led enterprise UI platform organization spanning 7 platforms and 350+ application frontends
- Consolidated 17 design languages into a unified enterprise design system and micro-frontend architecture adopted by thousands of developers
- Founded and scaled a generative AI engineering practice: agentic development systems, LLM frameworks, and AI-assisted software delivery
- Delivered developer-experience infrastructure (developer catalog, author-once/build-many pipelines) driving a 73% conversion improvement
- Instituted automated quality and accessibility gates across the enterprise frontend portfolio

Gain Capital — Front End Design & Development (Freelance) 2011–2011

- Designed interfaces for the Forex.com and inthemoney.com trading platforms
- Developed social media integrations and marketing sites

Bank of America — SVP, Front End Technology Manager 1999–2011

- Managed front-end development for the baisidirect.com brokerage portal
- Oversaw content management system integration and deployment workflows
- Won 4 company awards; nominated for the Award of Excellence

Prime Data / Cyber Axioma — Front End Design & Development (Freelance) 1995–1999

- Built corporate websites and client portals, including the BearPrime.com conversion
- Designed a hedge fund site for Royal Bank of Canada