Mark Bonner

Staff Engineer | Systems Architecture & AI Solutions — *Toronto, Ontario | (416) 899-4095 | realmarkbonner@gmail.com*

Technical Leader with **15+ years of experience** delivering high-impact, end-to-end systems for financial institutions (Citibank, Scotia, TD). Proven track record in rapid prototyping and leveraging Generative AI to optimize software delivery and data integrity. Expert at navigating complex, ambiguous challenges in regulated risk environments to build scalable, secure cloud-native solutions.

PROFESSIONAL SUMMARY

TuesdayAfternoon Media Inc. — *eLearning Developer & Production Analyst*

2007 - 2017 / 2018 - 2026, Toronto. Ontario

- **Architected and implemented** end-to-end data-driven platforms for Citibank and TD Risk/Compliance units, ensuring 100% adherence to rigorous regulatory security and performance standards.
- **Pioneered the integration of Generative AI** to automate development workflows and rapid prototyping, directly improving delivery efficiency for next-generation platform features.
- **Led cross-functional problem-solving** for complex, ambiguous technical challenges, independently designing architectural strategies that resolved critical roadblocks for global financial clients.
- **Elevated team capabilities** through rigorous code reviews, technical mentorship, and the promotion of engineering best practices within high-pressure Agile environments.

Deckaid 501(c)(3) Exhibition Website — *Project Lead & Web Developer / Designer*

2024 - present, New York

- Direct the end-to-end SDLC for a global digital platform, utilizing a mixed-stack architecture (Vue.js, JavaScript) to drive community engagement.
- Manage **cross-functional efforts between design and engineering** to ensure seamless feature delivery and architectural integrity.
- Utilized a **mixed-stack** architecture including Squarespace, Vue.js, HTML, and vanilla CSS & JavaScript, resulting in a cohesive digital platform that drives community engagement.

NURSING & CRITICAL LEADERSHIP — *Retired: 2021*

Clinical Team Manager | Telehealth Ontario: Directed high-pressure prioritization and analytical-thinking strategies to manage complex systems of digital and human resources in high-risk environments. **(2004–2009)**.

Emergency & Trauma RN | Sunnybrook Hospital: Specialized in rapid problem-solving, acute care, and meticulous documentation within highly regulated, mission-critical scenarios. **(2001–2004)**.

SKILLS

Engineering: Scalable System Design, End-to-End Architecture, API Development, Python/Java (Working Knowledge), Clean Code Principles.

AI & Data: Generative AI Integration, Prototyping Agentic Workflows, Data Modeling, ETL Logic, LLMOps Monitoring.

Cloud & DevOps: Docker, Kubernetes (Containerization), AWS/OpenShift, GitHub (CI/CD), Vulnerability Management.

Strategy: Cross-functional Problem Solving, Technical Mentorship, Agile/Scrum Leadership, Requirements Analysis.

CROSS-FUNCTIONAL TEAMWORK

Experienced in driving intuitive functionality across software projects by collaborating with Product Management, Client-facing teams, and Executive leadership. Synthesized input from QA, Developers, and LXDs to ensure seamless feature delivery and high-quality user experiences.

SELF-STARTER / MULTI-DISCIPLINARY

Proven ability to work independently, manage multiple projects simultaneously leading to timely, accurate results. My experience as an RN has proven extremely valuable in developing prioritization (Triage), and documentation skills.