

# RUSSELL CHISHOLM MCEACHARN

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## PROFESSIONAL SUMMARY

AI-first founder and senior engineer with 20+ years in enterprise IT. Architect of 10+ production AI platforms integrating LLMs, multi-agent systems, and multi-modal pipelines. Specialized in building conversational AI, agentic applications, and full-stack SaaS — optimized for latency, cost, and user experience.

## EXPERIENCE

### Founder & Lead Engineer — CrewXi, LLC | Dec 2024 – Present

AI-Powered SaaS Development Agency | Austin, TX

Built and launched an AI development agency shipping production-ready SaaS at startup speed. Architected 10+ platforms across creator economies, agentic AI, generative media, and food tech. Designed multi-agent orchestration, multi-modal pipelines, and RAG retrieval — deployed via Docker, CI/CD, and cloud infrastructure.

#### AliveXi — AI Agent Social Platform

- Built a multi-agent social platform with backend-native AI personas — executing database operations, embedding-based memory retrieval, and permissioned external API calls
- Architected security-first agent framework: 20+ specialized agents, cost-aware model routing, shared memory orchestration

#### StoryXi — AI Filmmaking Platform

- Architected multi-modal node-based platform: 50+ AI models for video generation, image synthesis, lip-sync, TTS/STT, voice cloning, and parallel workflow execution
- Built creator marketplace with FFmpeg video processing pipeline and distributed job queue (Bull/Redis) for long-running media tasks

#### ChefXi — AI-Powered Food Creator Platform

- Built creator economy platform: Gemini Vision photo-to-recipe generation, embedding-based semantic matching, 9+ automated data pipelines
- Developed AI Chef Assistants with tool-calling patterns, 15+ skills, model fallback chains, and structured output
- Implemented payment infrastructure via Stripe Connect with comprehensive unit and E2E test suites (Vitest + Playwright)

**Additional:** BookingXi (white-label booking SaaS), LeadXi (AI-powered CRM)

**Tech:** Next.js, React, Supabase, Python/FastAPI, TypeScript, Stripe, OpenAI/Gemini/Claude APIs, Docker, Redis, Bull Queue, GitHub Actions CI/CD

### Co-Founder & Director — FightFlix.TV, LLC | Jun 2023 – 2025

Live Streaming Platform & Production Company | Austin, TX

- Founded PPV live-streaming platform for MMA/BJJ events, generating \$100K+ ARR in PPV sales
- Led team of 9 across pre-production, live direction, and post-production
- Engineered full-stack platform using Webflow, Stripe, Zapier, and Make.com with real-time encoding and CDN distribution

### Senior Engineer — Dell Technologies | 2012 – Present

Enterprise Solutions & Infrastructure | Remote / Round Rock, TX

- Senior Engineer Analyst (2019–Present): Consult with Fortune 500 IT departments to resolve complex infrastructure issues across servers, storage, cloud, VMware, Windows, and Linux environments. Built internal diagnostic and automation tools adopted across the team to enhance operational efficiency. Mentor junior engineers. **Tech of the Quarter — Q1, Q3, Q4 FY2026.**
- Senior Engineer & Early Life Support (2012–2019): Consulted Fortune 500 IT leadership on storage architecture. Led new product introduction programs including beta testing and validation of pre-release hardware and firmware before general availability.

### Office 365 Support Engineer — Microsoft | 2009 – 2010

- Automated enterprise-scale Exchange and O365 deployments using PowerShell, supporting BPOS cloud migration

**Earlier Career:** Owner & Cinematographer, Stream Studios LLC (2022–2024) | Telecom Support, Time Warner Cable (2006–2009) | Technical Support, Dell (2000–2006)

## SKILLS & TECHNOLOGIES

**AI/ML:** LLM Integration, Agentic AI, Multi-Agent Orchestration, RAG & Embeddings, Prompt Engineering, Multi-Modal AI, Model Routing, Voice Cloning & TTS/STT

**Development:** Next.js, React, Python, FastAPI, TypeScript, Node.js, REST APIs, PostgreSQL, Supabase, Docker, Redis, Bull Queue, Vercel, GitHub Actions, Playwright, Vitest, MCP

**Infrastructure:** VMware, Docker, Cloud (Vercel/AWS), Microservices, Windows Server, Active Directory, SAN/DAS, PowerShell, PM2 Cluster

**Product & Leadership:** SaaS Architecture, Payment Systems, Team Leadership, Cross-Functional, Enterprise Consulting, Agile

## EDUCATION & CERTIFICATIONS

Electrical Engineering Studies — University of Phoenix (2010–2011)

Microsoft Azure Fundamentals | CompTIA A+ | CompTIA Security+ | Adobe Certified Professional | Dell PowerEdge Associate | Aruba ACMP | VMware Certified | SNIA Certified

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