Karen Kilroy

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Summary

AI engineer, educator, and author with 20+ years in full-stack development and technical leadership. Six-time IBM Champion and winner of the IBM Watson Build Challenge (2017). Creator of NYX NoCode, an AI-driven web app builder empowering students and educators to create apps with natural language. O'Reilly author of four books on AI and technology. Proven track record in product innovation, technical writing, and shaping industry standards as Co-Chair of the C2PA AI/ML Task Force and contributor to the SMPTE/ETC AI/ML Task Force.

Core Skills

AI/ML   Generative AI   Azure OpenAI (ChatGPT-5, Model Router)   Claude Code

Deepgram speech AI   Retrieval-Augmented Generation (RAG)   ReactJS

Node.js   Azure   API Integration   No-Code Platforms

Standards & Provenance (C2PA, SMPTE)   Model Context Protocol (MCP)

Technical Writing & Education

Professional Experience

Founder & Engineer

NYX NoCode

2024 – Present

- Built an AI-driven no-code platform using ReactJS + Azure OpenAI (ChatGPT-5, Model Router).
- Integrated Deepgram transcription and real-time voice input into classroom AI workflows.
- Developed Peopleoids, a RAG assistant with instant memory, portable to finetuning.
- Delivered hackathons and educational programs showcasing rapid deployment of AI in classrooms.

Author

O'Reilly Media

2019 – 2024

- Published 4 books: Natural Language and Search (2024), Blockchain Tethered AI (2023), AI and the Law (2021), Blockchain as a Service (2019).
- Technical reviewer for Mastering Blockchain and Mastering Corda.
- Wrote "AI's Opaque Box is Actually a Supply Chain."

CEO

Kilroy Blockchain

2016 – Present

- Led AI and workflow systems including RILEY (IBM Watson Build North America winner, 2017).
- Directed engineering on FLO (Forms Workflow) and CASEY (Case Management).
- Managed business operations and technology delivery.

Earlier Roles (Condensed)

- **CTO – Jamersan LLC** (2016): Led dev/support at a Magento-focused agency.
- **Principal App Developer – CA Technologies** (2014–2015): Led digital commerce team.
- **Training Consultant – Magento Inc.** (2010–2014): Founding member of Magento U.
- **Director of Online Marketing – Suarez Corp.** (2010–2012): Built shared shopping/social features.

Certifications

AI Fluency for Students – Anthropic (Aug 2025)

Teaching the AI Fluency Framework – Anthropic (Aug 2025)

Venture Building Certification – Builders + Backers (Jul 2025)

IBM Champion – 2025, 2024, 2023, 2022, 2021, 2020

IBM: Watson Chatbot, Robotics Process Automation, Bluemix Essentials, Blockchain Essentials (2017–2018)

Coursera (Johns Hopkins): COVID-19 Contact Tracing & Impact (2020)

Magento Front End Developer Certification (2013)

FAA Private Pilot License (1979)

Education

Hammel College – Office Automation, Database Management (1981–1982, 4.0 GPA)

University of Arkansas – Studies in Music (Voice/Piano) & Poultry Science (2023, 4.0 GPA)