Cristina Rodriguez
Technical Curriculum Developer

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Technical Curriculum Architect & Software Engineer with a proven track record in bridging the gap between complex engineering workflows and learner success. Specialized in **AI-Native Curriculum Architecture**, moving beyond static content to build adaptive, scalable training systems in full-stack and cloud environments. Expert in **technical documentation and cross-functional governance**, acting as the human 'accountability moat' to ensure technical accuracy and pedagogical integrity in automated environments. Passionate about leveraging **Context Engineering** to create high-impact, inclusive learning solutions like MujerTech.

WORK EXPERIENCE

Technical Curriculum Developer at ELM Learning   March 2024-current

- **Architected adaptive certification paths:** Designed modular technical content that incorporates AI-assisted hands-on activities and scenario-based validation.
- **Engineered Context-Rich Workflows:** Translated complex engineering specs into modular Python/SQL training, ensuring content remains "agent-ready" for automated learning platforms.
- **Cross-Functional Governance:** Partnered with SMEs to provide the "trust layer," verifying that curriculum updates match rapid product launch cycles.

Technical Program Manager at Techtonica.org   May 2021-Dec 2023

- **Led Systems-Level Instruction:** Directed curriculum for full-stack JavaScript (Node.js, React, Docker, AWS), focusing on deployment architecture and scalable code
- **Contextual Debugging:** Facilitated troubleshooting sessions that taught learners how to manage "context" when debugging complex cloud deployments effectively.
- **Scalable Version Control:** Standardized GitHub workflows (templates, PRs) to maintain high-quality technical documentation for 50+ participants
- **Trained 50+ participants**, boosting onboarding success rates and learner confidence in technical tools

Key Project: Founder & Lead Architect | MujerTech

- AI-Native Educational Ecosystem: Built a context-driven technical on-ramp designed to lower the "barrier to entry" for underrepresented groups through structured, AI-assisted learning paths.

EDUCATION & TRAINING

- B.A. in Communication
- University of Washington — Certificate in E-Learning Instructional Design (In Progress) Expected Graduation: 2026

For additional experience and references, please visit:
LinkedIn | Portfolio | GitHub