

William OConnell PMP

📍 Seattle ✉️ WilliamOConnellPMP@gmail.com 📞 | +1 (206) 551-5524 | WilliamOConnellPMP.com | 🌐 in/williamoconnell

☁️ AI Program Delivery · Digital Transformation.

SUMMARY

Technical Program Manager with a 20-year career arc from validated systems BA to enterprise delivery head — now building toward AI/ML program delivery roles. My value to AI programs is the discipline most AI initiatives lack: structured governance, regulated systems experience (21 CFR Part 11, HIPAA, GDPR), and a track record delivering \$100M+ programs on time with zero compliance findings at Genentech and Roche.

In 2025, built hands-on AWS/Bedrock practitioner projects to develop working fluency in AI architecture patterns, audit logging concepts, and regulated system governance principles. This is my “growth” resume — the direction I’m heading, backed by 20 years of program delivery that makes me effective on day one.

Career Arc: BA & Validated Systems → Enterprise TPM & Data Programs → Delivery Head & Team Leadership → AI/ML Program Delivery

Historical Scale: \$25M portfolio · 20+ concurrent projects · 100+ resources · 100K-user global migrations · \$100M+ program delivery

CORE COMPETENCIES: AI/ML Program Governance & Delivery ♦ Amazon Bedrock & Generative AI Integration ♦ Regulated AI (GxP / 21 CFR Part 11 / HIPAA) ♦ Data Governance & Research Data Programs ♦ Cloud Architecture (AWS / GCP / Azure) ♦ Enterprise Change Management (Prosci) ♦ Business Analysis & Requirements ♦ Stakeholder Alignment & Executive Comms ♦ Product Management (AI-adjacent platforms) ♦ Team Leadership & BA Pool Management ♦ Validated Systems & Audit Readiness ♦ Agile / SAFe / Waterfall / Hybrid

EXPERIENCE

Independent Program Consultant

O’Connell Cloud & Program Advisory LLC

January 2025 - Present, Seattle, WA

- Built and deployed an AWS serverless Validated Document Control (VDC) demonstration platform (Cognito, Lambda/API Gateway, DynamoDB, S3), mapping architectural controls to 21 CFR Part 11 expectations and producing full sample validation documentation (URS, FMEA, traceability matrix, OQ/PQ artifacts).
- Prototyped an adaptive AI interaction layer on Amazon Bedrock + Claude to evaluate contextual response shaping and guardrail sensitivity across user input conditions.
- Drove launch readiness: deployment approach, validation strategy, test scenarios, rollback criteria, and stakeholder communication for public production demonstration.

Program Lead – Portfolio Operations

OCO Investments LLC

August 2019 - December 2024, San Francisco & Remote

- Maintained program governance skills (risk management, vendor oversight, capital planning, stakeholder reporting) across a \$3M+ portfolio while deliberately building AI, cloud, and digital transformation fluency in preparation for return to enterprise delivery.

Technical Program Manager / Delivery Head – North America & APAC IT

Roche (based at Genentech)

March 2013 - August 2019, South San Francisco

- Served as TPM for the Enhanced Data & Insights Sharing (EDIS) initiative — Roche’s enterprise AI/ML research data enablement program integrating patient and product data across Research, Clinical Trials, Manufacturing, and Personalized Healthcare under HIPAA and GDPR. Coordinated infrastructure, data governance, and research engineering stakeholders.
- Built and led a 6-person delivery team (4 BAs, 2 PMs) across Roche’s global infrastructure and data portfolio — performance management, mentoring, and professional development.
- Directed a \$100M+ global dual-data-center modernization supporting validated enterprise systems — zero unplanned downtime, zero compliance findings.
- Improved portfolio delivery time by 30%, reduced resource overallocation by 80%, and cut planned spend by \$1M annually through data-driven portfolio governance and structured dependency management.

Technical Program Manager (Consultant)

Genentech / Roche

March 2009 - March 2013, South San Francisco

- Led OCM workstream for Roche’s 100,000-user Microsoft-to-Google Cloud migration — coordinating engineering, security, and operations teams globally through phased cutover with zero unplanned downtime and \$20M+ projected annual savings.
- Re-engineered 17 Global IT PMO processes: deployed algorithm-driven RAG portfolio reporting replacing subjective executive assessments with objective, data-driven signals across a 3,000-person IT organization.
- Delivered BA and requirements for Clarity PPM enterprise migration — unifying all Roche IT divisions onto a single cloud-based platform across 9 global IT PMOs.

Senior Business Analyst – Global Digital Platform Delivery

EMI Music

September 2005 - August 2008, London, UK

- Led BA team delivering EMI Music’s Global Repertoire Digital Asset Management platform — a global data and metadata management system spanning 43 countries and 17 languages. Foundational global data platform and multi-stakeholder delivery experience.

Senior IT Business Analyst – Validated Systems

Genentech

February 2002 - March 2005, South San Francisco

- Led analysis and validation of GxP-regulated TrackWise/QMS/CAPA platforms under 21 CFR Part 11 — 100% FDA inspection pass record. Regulatory systems discipline now applied to AI program governance.
- Led BA team for Manufacturing Change Control consolidation — 7 disparate validated systems into one GMP-validated platform, selected as a Top 10 corporate initiative.

EARLIER CAREER

Systems Engineer / Incident & Change Control Lead - Robertson Stephens & Bank of America

San Francisco

- Enterprise incident management, change control, and mission-critical systems engineering in regulated financial services. Built foundational technical and governance discipline that enabled seamless transition into enterprise program delivery.

EDUCATION & COMMUNITY ENGAGEMENT

- **B.S. Health Sciences** (San Francisco State University)
- AWS Certified Solutions Architect – Associate • PMP (PMI ID: 563082) • Google Data Analytics Professional Certificate - Leading SAFe 6.0
 - Certified SAFe PO/PM • Certified Change Practitioner (Prosci) • MCSE (Microsoft Certified Systems Engineer).
- **In Progress (2026):** AWS Certified AI Practitioner · AWS Certified Machine Learning – Specialty · Microsoft Azure Fundamentals AZ-900
- **Community Engagement:** SF AIDS Foundation | SF AIDS Department Community Advisory Board | Founder, Vaccine Advocates (VACT UP)