

# PETER J. MCDADE

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Highly accomplished Technical Program Manager with extensive experience in securing, optimizing, and operating critical datacenter infrastructure and secure production environments. Proven leader in building and scaling high-performing operational teams, implementing robust program management methodologies, and fostering cross-functional collaboration. Expert in the design, construction, and maintenance of secure facilities, driving compliance, mitigating risks, and preventing significant financial and operational losses for Google Cloud.

## TECHNICAL SKILLS

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**Leadership & Program Management:** Cross-functional Collaboration, Team Building, Mentorship, OKR Planning, Stakeholder Management, Change Management, Risk Mitigation, Agile/Waterfall Methodologies, Process Improvement  
**Technical Infrastructure:** Datacenter Operations (HWOps, DCOps), Network Diagnostics, Fiber Optics, Server Hardware (TPU, GPU, NIC, Switch), HSMs, Physical Security Systems, Supply Chain Logistics, Vendor Management  
**Tools & Technologies:** Buganizer, Taskflow, nLyte, SAP, InfluxDB, Telegraf, Grafana, AutoCAD, Inventor, Solidworks, CADSOFT Eagle, Altium Designer, DipTrace

## EXPERIENCE

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**Lead Technical Program Manager – Foundational Security & Platforms** Sep 2025 – Feb 2026  
Google LLC *Remote*

- Spearhead critical security response initiatives across cloud infrastructure, delivering timely solutions to high-stakes threats while maintaining operational excellence.
- Orchestrate cross-functional collaboration among engineering, security, and operations teams, aligning diverse stakeholders to accelerate project delivery in complex technical environments.
- Drive measurable program improvements through data-driven analysis and automation strategies, systematically eliminating bottlenecks and streamlining workflows to enhance team velocity.
- Champion a culture of transparency and continuous improvement, empowering team members to surface risks early, share expertise, and innovate on security solutions.
- Establish clear communication frameworks with executive leadership and technical stakeholders, ensuring visibility into project health, risks, and strategic outcomes.

**Lead Technical Program Manager – Technical Infrastructure Security** May 2024 – Sep 2025

- Led two critical programs focused on OS, firmware, and package signing/verification, directly enhancing global server security and integrity.
- Developed and implemented OKRs to drive team performance, ensure clear milestones, and facilitate open communication across platform development, production testing, and other stakeholders, handling escalations promptly and effectively.
- Proactively managed complex NPI efforts for hardware, ensuring transformation from development to production-level programs critical for attestation mechanisms. Identified and resolved supply chain issues, initiating engineering efforts and securing purchase approvals to unblock critical new product introductions for Cloud platforms.

**Technical Program Manager – Operations & Training** Dec 2021 – May 2024

- Directed critical operational and compliance programs for Secure Production Environments, serving as the Hardware, Facilities, and Outside Plant Subject Matter Expert (SME) to consistently uphold global WebTrust audit controls.
- Spearheaded an overhaul of the Certificate Problem Reporting (CPR) process, defining tooling requirements, updating playbooks, and improving intake methods to reduce reliance on external vendors.
- Managed key hardware programs, including the annual CAPEX budget, overseeing complex logistics for EOL server swaps, and accelerating Hardware Security Module (HSM) procurement for the Offline Roots program by two months.
- Prevented a critical audit miss for physical security controls by resolving a blocked repair of a secure facility and locating documentation that resulted in \$250K in cost avoidance.
- Drove organizational consistency by leading quarterly OKR planning and alignment sessions, establishing standardized tracking, reporting, and documentation practices across teams undergoing multiple organizational transitions.
- Developed CA Associate Program training and implemented its role profile to support key management functions and effectively scale certificate authority operations.

**Certificate Authority Engineer / Security Engineer**

Mar 2019 – Dec 2021

- Ensured secure operations for two high-security locations by conducting remote-hands repairs, audits (virtual and on-site), and rip/replace projects.
- Optimized team efficiency through on-call coverage, managing high-revenue client projects, and spearheading EMEA secure site builds, including weekly stakeholder updates and task delegation. Streamlined training processes with material updates and Noogler training organization.

### **MNK Network Break Fix SME**

Aug 2018 – Mar 2019

- Managed the network break/fix ticket queue, overseeing six technicians and achieving a 24-hour average response time. Enhanced team knowledge by conducting 12 training sessions on HWOps PBT Modules for 15+ Googlers and TVCs.
- Authored global fiber optics troubleshooting and break/fix standards documentation.

### **MNK Interrupts Lead**

Dec 2017 – Aug 2018

- Oversaw daily operations of a 5-engineer team, ensuring SLA/SLOs, conducting root cause analysis, and generating monthly reports. Led recruitment efforts, including interviewing and selecting new team members.
- Managed site interrupts ticketing queue with a 24-hour average response time and maintained training records.

## EDUCATION & CERTIFICATIONS

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### **United States Air Force Airman Leadership School Graduate**

2012

### **Community College of the Air Force Certified Instructor**

2011

### **ETA Certified Fiber Optics Installer**

Oct 2018

### **GoSkills Project Management for Team Members**

Oct 2015

### **GoSkills Project Management Basics**

Oct 2015

## COMMUNITY SERVICE & VOLUNTEERISM

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### **Global VetNet ERG Chief of Community & Morale**

- Led a team of 8 Volunteer FTEs, planning and executing employee resource group events impacting over 2,000 Googlers yearly with a 99% satisfaction score.
- Collaborated on the Pat Tillman Candidate Panel, reviewing 60+ applications, and served on the steering committee for Google VetNet Career Week.

### **Mentor**

- Mentored 68 Googlers & 9 TVCs in diverse areas including Hardware/Network Diagnostics, Computer/Server Repair, Project/Program Development, and Logistics Planning.

## AWARDS & RECOGNITIONS

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### **Exceptional Financial Impact**

- Saved Google over \$8 million by identifying a critical logistics failure and preventing the unnecessary re-marketing of 152 essential network components (2015).

### **Technical & Security Leadership**

- **Cloud Tech Impact Award (CTIA) (2024):** Recognized for critical contributions to launching Google Trust Services' ACME endpoint, issuing over 45 million public certificates.
- **Security Excellence (2025):** Awarded for revoking a 10-year-old legacy production key across all production machines, significantly mitigating a major security risk.
- **Compliance & Audit Leadership (2021–2023):** Received multiple high-value awards for invaluable contributions and coordination during several successful, high-stakes WebTrust audits.
- **Hardware Security Innovation (2025):** Spearheaded the procurement and evaluation of Hardware Security Modules (HSMs), accelerating the Offline Secrets pilot program and saving the SRE team months of work.

### **Community & ERG Impact**

- **Global ERG Impact Award (2024):** Honored for exceptional dedication and impactful contributions to Employee Resource Group (ERG) initiatives, championing diversity and inclusion at Google.

- **VetNet Leadership (2021–2025):** Consistently recognized with multiple awards for leadership in the Google VetNet community, including organizing major events and driving community strategies for over 2,500 members.

### **Datacenter & Infrastructure Excellence**

- **Operational Resiliency:** Awarded as part of the essential team that ensured 100% network and server uptime during Hurricane Irma and Hurricane Matthew, preventing any customer-facing impact.
- **Innovation & Training:** Recognized for key contributions to the design and implementation of tape-scanning automation for Gtape/Chronicle and for training numerous colleagues on new systems and processes.