Phillip C. Trainor, PMP

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Summary

Accomplished software engineering leader with 10+ years of demonstrated leadership across diverse domains, including software development, quality assurance, and aviation. Proven ability to lead technical teams, drive product vision, and collaborate cross-functionally to deliver impactful results. Expertise in both front-end and back-end frameworks, such as Java, JavaScript, React, Android SDK, Python, and SQL. Proficiency in data modeling software, including Excel, Tableau and Power BI. Driven to build innovative products, particularly AI-powered solutions, leveraging my technical expertise and leadership skills to connect people and improve productivity.

Skills

- **Program Management:** Strategic planning, program development, implementation, and evaluation, OKR development and review, performance monitoring, risk management, budget management.
- **Communication:** Excellent written and verbal communication, executive presence, presentation development, stakeholder management, building communication frameworks, creating onboarding materials.
- **Leadership:** Team leadership, mentoring, performance management, cross-functional collaboration, conflict resolution, delegation, leading geographically dispersed teams.
- **Technical:** Proficient in Jira and Azure DevOps, with experience in various project management tools. Knowledgeable in GitHub DevOps principles, including CI/CD pipelines and testing methodologies using GitHub Actions. Proficient in programming languages: Python, JavaScript, SQL. Other: Agile methodologies, process improvement, quality assurance, problem-solving, decision-making, adaptability, initiative, UAV operations, mission planning.

Experience

United States Navy | Various Locations | May 2014 – Mar 2024 (10+ Years)

- **Safety Officer, USS BOXER (LHD-4) | Mar 2023 – Jan 2024**

  - Led a team of 80 personnel in managing 18 safety programs, ensuring compliance with Navy regulations and achieving a 99.5% operational readiness rate.
  - Developed and presented key performance indicators (KPIs) and trend analysis reports to senior leadership, influencing strategic safety decisions.
  - Contributed to the USS BOXER earning the prestigious Battle Effectiveness Award and the Green "H" award for Force Health and Wellness.

- **Executive Assistant/Budget Officer, International Programs, USNA | Sep 2020 – Mar 2023**

  - Managed a $5M+ annual budget and oversaw the execution of 150 international programs for 800+ students, consistently delivering programs within budget and exceeding participation targets by 15%.
  - Liaised with international ambassadors and high-ranking foreign officials to establish and maintain strong collaborative relationships.
  - Led the resumption of international programs post-COVID-19, implementing new risk management and logistical frameworks.
- **Quality Assurance Officer, Helicopter Sea Combat Squadron (HSC) 23 | Feb 2020 – Aug 2020**
  - Optimized maintenance processes for 15 helicopters and 8 autonomous aerial vehicles, resulting in a 10% improvement in aircraft availability and contributing to 600+ successful flight hours.
  - Implemented standardized maintenance procedures across multiple platforms, leading to improved efficiency, reduced downtime, and enhanced operational readiness.
  - Supervised 42 Maintenance Program Managers, ensuring the effective implementation of quality control procedures.
- **Detachment Operations Officer, Helicopter Sea Combat Squadron (HSC) 23 | Aug 2019 – Feb 2020**
  - Coordinated all aircraft operations during deployment, ensuring 100% mission readiness and the successful completion of assigned tasks in a dynamic environment.
  - As Aviation Detachment Operations Officer on the LCS-8 (USS Montgomery), successfully planned and executed UAV (MQ-8B) and MH-60S helicopter operations in the South China Sea, navigating complex geopolitical challenges and ensuring compliance with international regulations.
  - Developed and implemented innovative mission planning strategies to address novel operational challenges in unfamiliar and contested environments, ensuring the safety and effectiveness of UAV and helicopter operations.
- **MIT Lincoln Laboratory | Lexington, MA | Jun 2013 – Aug 2013**
  - **Computer Security Project Intern**
    - Focused on data security and Row Hammer software vulnerability analysis.

Project Highlights

- **Full-Stack Web Development Leadership:** Led cross-functional engineering teams in both traditional SDLC and agile environments to deliver high-quality, full-stack web applications. See GitHub for latest projects.
- **Open-Source Software Development:** Actively contributed to and led teams in open-source software projects, demonstrating a commitment to community-driven development and collaborative problem-solving. Passionate about developing AI-

powered productivity tools, leveraging Python, React, and OpenAI APIs for model integration and fine-tuning.
- **Aircraft Commander & Mission Leader:** Served as Aircraft Commander and Mission Leader for MH-60s helicopter operations, demonstrating advanced technical proficiency, decisive leadership, and effective teamwork in high-pressure, multinational environments ranging from the South China Sea to the Arabian Gulf.
- **UAV Operations & Process Improvement:** Gained experience with MQ-8B Fire Scout UAV operations, including pioneering new operational procedures that improved mission efficiency and safety in challenging forward-deployed environments.

Education

- **Sam M. Walton College of Business, University of Arkansas | Master of Information Systems | Expected May 2025**
- **United States Naval Academy | Bachelor of Science, Information Technology (with Merit) | 2014**
  - Upsilon Pi Epsilon – International Honor Society (CS & IT)

- **Naval Aviation Safety Officer School, Pensacola, FL | February - March 2023**
  - Graduated 3rd in a class of 56 naval aviators. Recognized for outstanding performance and strong understanding of aviation safety principles, including Operational Risk Management.

Licenses & Certifications

- **Project Management Professional (PMP) – Project Management Institute | Issued Dec 2024 – Expires Dec 2027**
- **Commercial Pilot License – Federal Aviation Administration**

Awards and Commendations

- Navy "E" Ribbon (2020; 2024)
- Navy and Marine Corps Commendation Medal (2024)
- Navy and Marine Corps Achievement Medal (2020; 2023)