Joseph Castle, PhD

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Summary

Information technology (IT) leader with experience managing industry and U.S. federal government programs. Proven success in: 1) leading solutions architecture and software delivery; 2) collaborating with stakeholders to execute strategy and manage transformative projects; and, 3) serving as a subject matter expert on enterprise programs, open-source software (OSS), cloud computing, and artificial intelligence (AI). Recognized for a unique blend of strategic insight and hands-on technical leadership with a passion for public service.

Position Specific Experience

- Experience managing teams and projects developing technical enterprise solutions. Managed large-scale programs in industry, at The White House, and the U.S. General Services Administration. These were comprised of cross-functional teams with engineering, marketing, acquisition, legal, and similar, focused on providing digital services with open source software and cloud computing.
- Knowledgeable of data and microservice architectures; experience evaluating software architectures and providing recommendations. Spent many years in software engineering both in hands-on and management roles. Ability to prototype and architect solutions and provide recommendations. Worked with AWS cloud stack for pipeline automation for a code scanning platform, websites, and APIs. More recently worked with Python and MS Azure.
- Familiar with government and DoD acquisition and ATO processes. Understanding of U.S. federal acquisition and security programs based on experience in building and managing solutions in the federal government and industry that required NIST compliance and FedRamp certification.
- Possess excellent problem-solving and analytical skills. Experience working in rapidly-changing, politically-charged environments. Honed skills through relationships and experience to solve complex business problems and making decisions. Regularly communicated with business and technical stakeholders both internal and external to the organization.
- Ability to obtain Secret clearance. Held Public Trust with MBI.

Professional Experience

Mountain Ten Ventures   Washington, DC
Founder & Managing Director   5/2025

- Lead research and investment in emerging technologies, including open-source software, cloud computing, and artificial intelligence (AI).
- Provide consulting services in the areas of corporate, go-to-market, and technology strategies.

SAS Institute, Inc.   Cary, NC
Principal Solutions Architect, Public Sector Technology   8/2022 - 4/2025

- Supported SAS Customer Advisory, Engineering, and Account Executive teams primarily in the U.S. public sector and secondarily in the state and local, education, and international sectors.

- Built relationships with C-suite customers while consulting on enterprise information technology programs, open-source software (OSS), and artificial intelligence (AI).
- Led strategic and tactical approaches to increase awareness of SAS products and services to drive business growth.

U.S. General Services Administration   Washington, DC
Director, Max.gov Transition Program - Technology Transformation Service (TTS)   10/2020 - 7/2022

- Led program to transition The White House's 18 integrated on-premise applications supporting 68 federal agencies and 250,000 users to a cloud platform for government-wide collaboration.
- Managed overall business functioning of the program with strategic alignment and resource allocation.
- Led technical approach with Agile methodologies, analysis of current and future state architectures, user research, and alternatives for implementing the technology stack.

Director, Code.gov - Technology Transformation Service (TTS)   10/2017 - 10/2020

- Led the Open Source Program Office (OSPO) developing and maintaining a technical platform with website and API and an open-source software community to implement The White House's Federal Source Code Policy.
- Managed overall strategic direction and program resources. Used Agile methodologies to create and enhance open-source products.
- Created and maintained federal source code community of practice consisting of government, industry, nonprofit, and academic members.

Director, GSA Digital Service - GSA IT   8/2014 - 9/2017

- Led program modeled after The White House's U.S. Digital Service to design and deliver digital services to the American people.
- Created a new division by conducting all aspects of business, technical, and people management with IT designers and engineers; used Agile methodologies for cloud-based automated DevSecOps product development.

Executive Office of the President, The White House   Washington, DC
IT Portfolio Manager - OMB, USCIO   8/2013 - 8/2014

- Built relationships with agency CIOs and their staffs, audited agency project cost and schedule, and provided input into Presidential artifacts for agency guidance and public awareness.
- Contributed to Presidential reports and briefings including agency IT audits, State of The Union speech, Executive Orders, policy memos, and The President's Budget.

More experience available upon request.

Additional

- Technical skills: HTML, CSS, Javascript, Python, MS Azure, AWS, DevSecOps, GitHub, CircleCI, CodeClimate, VSCode, Lucidchart, MS Visio, Jira, MS Planner, Asana, GitHub Projects.
- Academia: Former Professorial Lecturer at The George Washington University; Guest Lecturer at Georgetown, Duke, and the University of North Carolina.

- U.S. Army Veteran: 10th Mountain Division, Fort Drum, NY; served in Operation Uphold Democracy.
- Executive Sponsor, SAS Veterans Employee Inclusion Group (EIG): supported Chief Diversity Officer and VETS EIG Board with strategic direction and networking opportunities.
- Awards: SAS Torch Bearer 2022, GitHub Star 2021-2024, Fed100 2019.

Education

Virginia Polytechnic Institute and State University   Blacksburg, VA
PhD, Public Administration and Public Affairs   2020

The George Washington University   Washington, DC
MS, Management Information Systems   2003

Mount Saint Mary's University   Emmitsburg, MD
MBA, Concentration in Marketing   2003
BS, Business Administration   2000