

Rob Wooldridge

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Chief Product Officer

Senior Technical Leader and former Brigadier General with **25 years' expertise in designing, building, and supporting full-stack, mission-critical products in production**. Skilled at driving innovation, leading & coaching high-performing teams, and delivering secure & scalable solutions. An engaged and trusted leader who solves complex problems and aligns technology with strategic business goals. Active TS/SCI clearance.

WORK EXPERIENCE

Onebrief

02/2025 - Present

Advisor

Leveraged strategic and operational planning experience for Series C defense tech startup.

SAIC

12/2011 - Present

A Fortune 500 technology integrator with \$7.4 billion in revenue; provides engineering, IT, and solutions development across defense, space, civilian, and intelligence service areas for federal and civilian customers.

Head of Product Engineering

I lead an Agile DevSecOps team supporting U.S. Space Force's premier, cloud-based spaceflight safety product, providing 24/7 mission support and Space Domain Awareness for global clients, including spacecraft owner/operators who manage \$billions in on-orbit assets.

- **Scaled the product to over 100x data volume**, as well as 10x supported users, organizations, and managed objects on orbit. Engaged stakeholders to design, build, & maintain mission-critical website.
- Directed and directly contributed to numerous upgrades and site improvements, including P2V, RESTful API, and infrastructure as code; while **maintaining 99.95% uptime SLA for 13+ years**.
- Architected and scaled cloud infrastructure, supporting nearly half a million API requests per day. Led hiring & mentorship of engineering team, growing by 100%. Drove automation and DevSecOps adoption, reducing deployment cycles from weeks to hours.
- Expert in SQL, regularly developing and optimizing queries for **large-scale data processing**. Highly skilled in crafting advanced SQL code, including stored procedures, indexing strategies, and query optimization.

California Army National Guard

01/2000 - 11/2024

Brigadier General / Deputy Commanding General – 40th Infantry Division

Led all operations, training, and exercises for 12K+ soldiers in the 40th Infantry Division, spanning the West Coast and Hawaii. Mentored dozens of senior leaders.

- Directed over 200 security cooperation engagements with international partners & 19 major exercises in the Middle East during 2023-2024 deployment; **Doubled partnership activities** and coordinated rapid response operations to adversarial attacks on U.S. forces and bases.
- Implemented enterprise strategies that optimized resource allocation, enhanced unit readiness, and achieved strategic objectives for California and the nation.

Chief of Staff (Colonel) — 40th Infantry Division

- Led, directed, and trained 500+ people on the General Staff; coordinated and synchronized their activities during planning and mission execution.

Brigade Commander (Colonel) — 100th Troop Command

- Cultivated trust-based leadership across 1,800 personnel in Central and Southern California, enhancing team performance through targeted mentorship of 20+ leadership teams within 22 months.

United States Property & Fiscal Office

01/2000 - 11/2011

IT Director & Enterprise Applications Manager

Led team of 12 and administered a \$350K annual operations budget. Drove significant cost savings while maintaining high service levels and operational efficiency on dozens of enterprise applications for 16,000 employees across California. Responsible for talent management, including hiring, performance reviews, and professional growth.

- Administered a **\$350K annual operations budget** and drove significant costs savings while maintaining high service levels and operational efficiency.
- **Led cross-functional teams** of customers, engineers, and leaders to develop scalable, secure, and integrated solutions that enhanced operational efficiency.

Data Infrastructure Lead

Oversaw the design, implementation, and maintenance of database systems. Managed a team of 3 DBAs and ensured optimal performance, security, and scalability of databases. Collaborated with cross-functional teams to support application development, monitor database performance, and troubleshoot complex issues. Held responsibility for database architecture, backups, disaster recovery plans, and introduction of best practices to ensure data integrity and availability in a 24/7 environment.

Urban Warfare Institute

12/2024 - Present

A 501(c)(3) nonprofit dedicated to advancing the study of urban environments, operations, and warfare.

Executive Chairman

Strategic advisor; encourage collaboration between military, academic, and policy communities to enhance understanding of complex urban operations.

- Advised the Center for Naval Analyses how US Marine Corps should plan, train, and equip Marines for large-scale urban warfare in future conflicts.

EDUCATION

The United States Army War College

Master of Strategic Studies

California Polytechnic State University-San Luis Obispo

Master of Arts in Industrial & Technical Studies with Concentration in Management Information Systems

Bachelor of Arts in History

SKILLS

Technical: Agile Software Development, CI/CD, Cloud Architecture, Cloud Infrastructure, Cybersecurity, Data Engineering, DevOps, Engineering Management, ETL, GCP, MySQL, Product Management, Systems Design

Leadership & Management: Budget Management, Clear communication, Decision-making, Emotional intelligence, Prioritizing, Project Management, Public Speaking, Recruiting, Scaling Teams, Stakeholder Relationships, Strategic Planning, Talent Management, Training & Development, Written Communication

Stuff You Can't Teach: Accountable, Biased to Action, Customer-Obsessed, Grit, High Agency, Initiative, Low Ego, No drama, Ownership Mindset, Persistent, Resilient, Respectful, Sense of Humor