

CAPABILITY STATEMENT



Disciplined engineering. Clear missions. Systems that last.

IT Systems Engineering for Federal Missions



VOSB · VIP Start Graduate · Clearance-Eligible · DC/MD/VA Federal Corridor

Kosma Technology delivers mission-ready systems engineering for federal IT modernization. Our work covers cloud infrastructure, DevSecOps, enterprise platform delivery on ServiceNow and Atlassian, and federal cybersecurity. Kosma is led by founder Fahad (Hadi) Petterson, a US Navy combat veteran and former Director of Systems Engineering for a 3,200-employee organization operating across the US and Canada. Kosma applies that senior engineering judgment to every engagement.

CORE COMPETENCIES

INFRASTRUCTURE & SYSTEMS ENGINEERING

- Cloud infrastructure architecture and migration
- Kubernetes and container platform engineering
- DevSecOps pipeline engineering
- Zero Trust Architecture and federal cybersecurity

ENTERPRISE PLATFORM DELIVERY

- ServiceNow implementation across ITSM, ITOM, HRSD, SecOps
- Atlassian Government Cloud: Jira, Confluence, Cloud migration
- Microsoft Power Platform and Copilot Studio agent development

SUPPORTING CAPABILITIES

Data engineering on Databricks, Snowflake, and Microsoft Fabric. RAG pipelines and Copilot Studio agents. Power BI and Tableau analytics.

DIFFERENTIATORS

Enterprise-Scale Depth

Kosma's founder brings thirteen years of private-sector engineering leadership, scaling a company from regional to multi-country enterprise reach. That growth included a full data-center-to-AWS consolidation, sustained at 99.95% uptime.

Configure, Don't Build From Scratch

Kosma configures platforms like ServiceNow and Atlassian with the engineering discipline of infrastructure work: version-controlled, documented, and modular. The integrator changes; the platform stays.

Mission-Reliability Discipline

Hadi Petterson served five years on a forward-deployed warship across three combat-support deployments. He earned two of the ship's most advanced qualifications, ESWS and Visit, Board, Search, and Seizure (VBSS), and was named Sailor of the Year. That service forged reliability discipline where systems failure had crew-survivability consequences.

RELEVANT EXPERIENCE

Kosma was founded in 2026 to bring this engineering leadership to federal missions. The experience below was scoped, architected, and led by Kosma's founder. The same engineering leadership directs every Kosma engagement.

Replaced \$5–6M capital infrastructure with ~\$300K annual cloud spend. Migrated a CentOS-based LAMP+ stack (multiple databases, message queues, and search platforms running HRIS, finance, inventory, and mobile apps) to AWS, refactoring the monolith into modular Kubernetes services with GitOps on Argo CD. Ran in parallel with zero downtime.

Replaced phone-and-spreadsheet workflows with two enterprise platform systems. Architected the HR Case Management System on Jira with reporting, response-time metrics, case history, and documented handoff. Reused the architecture for the Incident Reporting System, deployed across 300+ venues in two countries. Both remain core to operations five years on, delivering long-needed reporting and scaling with the organization.

Identifiers

UEI **JKGVCZR4ZYW9** · CAGE **9MD20** · NAICS 541512 (primary)

NAICS

541512 · 518210 · 541330 · 541511 · 541513 · 541519 · 541611 · 541618 · 541690 · 541715 · 541990

PSC

DA01 · DB02 · DC01 · DD01 · DF01 · DG01 · DH01 · DJ01 · R408 · R425

Certifications

VOSB · Certified by SBA VetCert

Memberships

Veterans Institute for Procurement (VIP Start), Graduate · Project Opportunity, Graduate

Fahad (Hadi) Petterson · Founder & President

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Available for teaming, subcontracting, and prime engagements.