

Mikac Technologies LLC

Legacy Application Modernization · Cloud-Native Engineering · Systems Integration

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COMPANY OVERVIEW

Mikac Technologies LLC is a veteran-owned software engineering firm serving government and commercial organizations. We replatform aging enterprise applications to cloud-native architectures, build event-driven data platforms, and integrate systems never designed to work together. Work is performed directly by the principal engineer, removing the coordination overhead that consumes much of a small contract's value.

CORE COMPETENCIES

- Legacy application modernization and replatforming
 - Custom software and application development
 - Java / Spring Boot enterprise development
 - Cloud-native and microservices architecture
 - Docker and Kubernetes containerization
 - REST API design and systems integration
- Event-driven and high-volume data workflows
 - DevSecOps, CI/CD, and vulnerability remediation
 - Application performance and scalability engineering
 - Automated testing and quality engineering
 - Angular and modern web application development
 - AI-enabled application and workflow integration

TECHNICAL ENVIRONMENT

- Development:** Java, Spring Boot, Spring MVC, REST, JPA/Hibernate, Angular, TypeScript, Python

Cloud & Infrastructure: AWS, Microsoft Azure, Docker, Kubernetes, Helm, serverless
- Data & Integration:** Apache Kafka, Debezium CDC, PostgreSQL, Oracle SQL, Redis, distributed caching

DevSecOps: Jenkins, Maven, GitHub Actions, Azure DevOps, containerized deployment, automated testing

DIFFERENTIATORS

- Direct access to the engineer.** No account manager layer between the client and the person doing the work.

Measured performance engineering. Demonstrated record of locating architectural bottlenecks and redesigning rather than adding hardware.
- Regulated-environment experience.** Delivery in wholesale energy-market and enterprise insurance systems where reliability and compliance are enforced.

Veteran-owned. Founded and operated by a United States Navy veteran (submarine radio operator, 2007–2012); previously held TS/SCI clearance.

PRINCIPAL'S EXPERIENCE

- The firm was established in 2026 and has not yet completed a federal contract. The following was delivered by the principal in prior professional roles and is presented as principal's experience, not company past performance. Employer names withheld; figures as measured in production.
- Re-architected an enrollment-validation pipeline using Java virtual threads and container-aware CPU controls, reducing processing time from **~5 minutes to 20 seconds** under Kubernetes.
 - Modernized dashboard state management to a signal-based architecture, cutting load time from **~3 minutes to 30 seconds**.
 - Replaced cross-system security lookups with a synchronized local cache, removing **~10 seconds** of page load latency and eliminating an external runtime dependency.
- Containerized and deployed more than a dozen enterprise applications using Docker, Kubernetes, and Helm.
 - Replaced legacy ingestion pipelines with Debezium change-data-capture against managed PostgreSQL.
 - Remediated hundreds of critical vulnerabilities across Spring Boot services.
 - Governed Kafka event contracts and schema evolution across multiple consuming systems.

COMPANY DATA

Legal name	Mikac Technologies LLC	SDVOSB	VetCert in progress	Certifications	CKAD; Microsoft Azure AI Engineer Associate (AI-102)
UEI	C49ACTDVFR63	Primary NAICS	541511		
CAGE	In process	Add'l NAICS	541512, 541519	Education	B.S. Computer Science, Indiana University Bloomington
Business type	Small business, veteran-owned	PSC	DA01, D302		

Mikac Technologies LLC is a veteran-owned small business. SBA Service-Disabled Veteran-Owned Small Business certification is in progress and is not yet held; the firm does not represent itself as an eligible SDVOSB concern for set-aside purposes at this time.