

CAPABILITY STATEMENT

Zaden Technologies offers distinctive DevSecOps, cloud computing, and AI solutions that boost defense system security, scalability, and efficiency. Zaden's Olympus software infrastructure enables rapid deployment of configurable cloud environments with integrated DevSecOps best practices. Augmenting these capabilities, Zaden leverages cutting-edge artificial intelligence like deep learning and anomaly detection to enable intelligent predictive analytics and automation for enhanced cybersecurity threat visibility and response. Whether modernizing legacy systems or developing new capabilities, Zaden's specialized skillset empowers defense teams to achieve improved speed, quality, and security through their solutions.

COMPANY DATA

DUNS: 117350936 CAGE CODE: 8GNP8
 UEI: NZURD3WJR541

NAICS CODES:

- 332993 | Ammunition (except Small Arms)
- 511210 | Software Publishers
- 518210 | Data Proc., Hosting, & Related Services
- 541330 | Engineering Services
- 541511 | Custom Computer Programming
- 541512 | Computer System Design Services
- 541519 | Other Computer Related Services
- 541611 | Admin. Mgmt. & Gen. Mgmt. Consulting
- 541618 | Other Management Consulting Services
- 541690 | Other Scientific & Technical Consulting
- 541715 | R&D in Physical Eng. & Life Sciences

CORE COMPETENCIES



INTELLIGENCE AUGMENTATION

AI/ML • Predictive Analytics • Deep Learning
 • Anomaly Detection • Artificial Neural Networks • Reinforced Learning • Bias-Variance Tradeoff •
 AI-Driven DevSecOps • Intelligent Automation



DIGITAL TRANSFORMATION

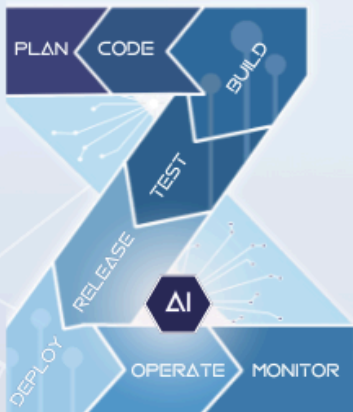
DevSecOps • Cloud Computing • Containerization • Microservices • Agile Methodologies • CI/CD • Infrastructure-as-Code • Data-Driven Automation • GitOps • Cloud-Native Solutions



SOFTWARE MODERNIZATION

Legacy System Migration • Code Conversion • Modular Design • Software Factory • Automated Testing • Containerization • Microservices Architecture • Cloud Migration • Agile SDLC • API Integration

OFFERINGS: PRODUCTS & SERVICES TO ADVANCE THE WARFIGHTER



Zaden provides services for modernizing existing products and systems, including languages, development tools, processes, and infrastructure. Our modernization solutions will help your teams implement lasting changes that will improve development speed and product quality as well as reduce project costs.

ZADEN'S DEVSECOPS APPROACH

Zaden's DevSecOps solutions harness artificial intelligence and deep learning, enhancing security operations through intelligent automation, predictive analysis, and anomaly detection. With our expertise, your systems are fortified, making Zaden the trusted partner for elevating your AI-driven DevSecOps strategy.



AUTOMATING A SMARTER FUTURE

ZADEN TECHNOLOGIES, INC.

✉ bd@zadentech.com
 ☎ 256.479.5503 Opt. 1
 🌐 www.zadentech.com

📍 7027 Old Madison Pike, NW, Suite 108, Huntsville, AL 35806



PARTNERS



PAST PERFORMANCE

DIGITAL TRANSFORMATION & INNOVATION IRAD

CUSTOMER: Northrop Grumman
PRIME: Zaden Technologies
CEILING: \$2.34 M **TYPE:** T&M
POP: 4/1/2021 - 6/30/2023
USERS SUPPORTED: 40

DESCRIPTION:
 Created downloadable software factory, supported GMD-Next IRAD and GMD-Futures efforts with DevSecOps practices and MBSE enhancements.

GMD WEAPON SYSTEM (GWS) SOFTWARE FACTORY & DEVSECOPS

CUSTOMER: Missile Defense Agency (MDA)
PRIME: Northrop Grumman
CEILING: \$9.76 M **TYPE:** T&M
POP: 9/14/2022 - 9/30/2027
USERS SUPPORTED: 500 +

DESCRIPTION:
 Established a secure, scalable software factory for the GWS program, migrated applications from AWS to Azure, and implemented DevSecOps ecosystem.

NEXT GENERATION INTERCEPTOR (NGI) SOFTWARE FACTORY

CUSTOMER: Missile Defense Agency (MDA)
PRIME: Northrop Grumman
CEILING: \$2.55 M **TYPE:** FFP
POP: 9/15/2022 - 3/1/2024
USERS SUPPORTED: 350 +

DESCRIPTION:
 Architected a full-scale software factory framework, created resilient Kubernetes clusters, and implemented a comprehensive monitoring and alerting stack.



SYSTEM INTEGRATION, TEST, & READINESS (SITR)

CUSTOMER: Missile Defense Agency (MDA)
PRIME: The Boeing Company
CEILING: \$13.88 M **TYPE:** IDIQ
POP: 02/01/2023 - 12/31/2027
USERS SUPPORTED: 300 +

DESCRIPTION:
 Managed DevSecOps scrums, developed GMD Software Dashboard, conducted chaos engineering, and provided 24/7 operational support.

ICARUS SYSTEM MODELER | SBIR PH I

CUSTOMER: United States Air Force
PRIME: Zaden Technologies
CEILING: \$0.75M **TYPE:** SBIR
POP: 06/11/2024 - 05/11/2026
USERS SUPPORTED: 80

DESCRIPTION:
 Developed Icarus platform using Architecture-as-Code technology to automate MBSE processes and generate SysML diagrams.

PENDING SBIR CONTRACTS:
 USSF D2P2 (funds obligated); USAF PHII

SOFTWARE LIFECYCLE DEV (SLCD)

CUSTOMER: DEVCOM Aviation & Missile Center (AVMC)
PRIME: Science Applications International Corporation (SAIC)
CEILING: \$1.0M **TYPE:** T&M
POP: 9/16/2024 - 11/4/2025

DESCRIPTION:
 Comprehensive systems and software engineering services across the full lifecycle of systems, encompassing requirements analysis, development, testing, integration, fielding, and sustainment.

PRODUCTS



AI-powered MBSE tool automating SysML model generation from documentation.



Advanced AI-powered cybersecurity platform for real-time threat detection.



Secure, configurable software factory accelerating DoD mission-critical development.

CONTRACT VEHICLES

