



Technical Capabilities

Eight core domains, each grounded in direct engineering practice, supported by a closed-loop secure development lifecycle applied to every engagement.

CORE TECHNICAL CAPABILITIES

- **Secure Software Engineering**
Security requirements integrated into design, development, and deployment — a design constraint from the start, not a gate at the end.
- **DevSecOps**
Security controls and automated testing embedded directly into CI/CD pipelines — run on every change, not on a schedule.
- **Mobile Security**
Hands-on engineering assessment of mobile application risk — beyond what automated scanning alone can surface.
- **Reverse Engineering**
Analysis of compiled software and firmware to establish behavior and risk when source access is limited or unavailable.
- **Application Security**
Architecture review, threat modeling, and vulnerability assessment across web and application platforms.
- **Vulnerability Research**
Structured, hands-on research to identify previously unknown vulnerabilities in complex or opaque software.
- **Cloud Security**
Configuration and architecture review for cloud-hosted infrastructure and mission systems.
- **Defensive Engineering**
Design and implementation of controls that reduce attack surface and limit impact when prevention fails.

SECURE DEVELOPMENT LIFECYCLE

