RebelWave Technologies LLC

Innovating Mission-Critical Solutions for Defense, Space, and AI Systems

Veteran-Owned Small Business (VOSB)

Core Competencies

- **Artificial Intelligence & Predictive Analytics**

  - o Real-time threat detection and risk assessment

  - o Predictive modeling for logistics, operations, and battlefield awareness

  - o AI/ML-enabled autonomous decision-support systems

- **Space Systems & Multi-Domain Operations**

  - o Secure satellite communications & orbital asset management

  - o Space situational awareness enhanced by AI and big data

  - o Integration with Space Force and joint space mission platforms

- **Cloud & Enterprise Solutions**

  - o FedRAMP/IL5-compliant cloud architectures

  - o Rapid deployment of scalable, containerized solutions

  - o Scalable enterprise platforms (AWS, Azure, DoD Cloud environments)

- Secure Software Development Lifecycle(SSDLC)

  - o Embeds security controls from requirements through deployment to ensure resilient software solutions.

  - o Aligns with DoD, NIST, and FedRAMP cybersecurity frameworks and best practices.

  - o Integrates automated security testing (static/dynamic analysis, vulnerability scanning) within CI/CD pipelines.

  - o Proactively identifies and mitigates risks across all lifecycle stages.

- **Autonomous Systems Integration:**

  o Designs and deploys intelligent, mission-ready platforms that combine sensors, AI/ML, and control systems.

  o Supports defense, space exploration, and logistics through land, air, sea, and space autonomy.

  o Implements real-time pathfinding, obstacle avoidance, and decision-making in dynamic environments.

  o Enhances mission effectiveness with human-machine teaming, reducing operator workload and increasing safety.

  o Ensures compliance with DoD, NASA, and federal cybersecurity and safety standards.

- **Blockchain-Enabled Systems:**

  o Develop secure, immutable data-sharing platforms tailored for defense, healthcare, and enterprise applications.

  o Enhances **supply chain integrity** and **logistics transparency** through distributed ledger technology.

  o Enables **tamper-proof medical and health records** management in compliance with HIPAA and federal data standards.

  o Supports **trusted identity management, smart contracts, and secure interagency data exchange.**

  o Ensures blockchain solutions align with **DoD, DHS, and federal cybersecurity frameworks** for mission-critical environments.

Differentiators

- Founded by a U.S. Marine and Senior Software Leader with **30+ years of proven expertise** in software design, R&D, and enterprise deployment.

- Veteran-owned, agile, and innovation-driven small business with ability to adapt rapidly to mission requirements.

- Experience aligning advanced technology solutions with **DoD, healthcare, and security sector** needs.

- Commitment to **cybersecurity, compliance, and resilience**, ensuring readiness for government and defense contracts.

- Focused on blending cutting-edge research with practical, scalable implementation.

Past Performance / Relevant Experience

- Leadership team has successfully directed multi-disciplinary software teams delivering enterprise-scale projects across defense, healthcare, and security sectors.

- Founder has delivered complex R&D initiatives in AI, cloud, and systems integration, supporting operational readiness and digital transformation.

- Ongoing development of **autonomous navigation demonstrators** and **cloud-accessible AI solutions** as part of technology showcase portfolio.

- Veteran insight into operational challenges, providing a mission-first approach to problem solving

Compliance & Standards

- **NIST SP 800-53 / 171 & CMMC Level 1/2 Alignment**

- **FedRAMP & DoD IL4/IL5 Cloud Infrastructure**

- **ITAR and DFARS Compliant Development Practices**

Company Data

Legal Name:	RebelWave Technologies LLC
Business Type:	Veteran-Owned Small Business (VOSB)
DUNS / UEI:	**DUNS: 119457553 /UEI: FTG5DNHFYKQ6**
CAGE Code:	0T4Q7
NAICS Codes:	541715 – R&D in Physical, Engineering, and Life Sciences 541511 – Custom Computer Programming Services 541512 – Computer Systems Design Services 541330 – Engineering Services 541519 – Other Computer Related Services

Contact Information

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