

# VELOVAULT LLC

SOFTWARE & APPLICATION DEVELOPMENT

## CAPABILITIES STATEMENT

*Veteran-Owned Small Business*

### CORE COMPETENCIES

- Mobile & Web Application Development (Flutter, React Native, PWAs)
- AI & Machine Learning Integration (Anthropic Claude Sonnet/Opus, LLM agents, vision OCR, safety-aware UX)
- Full-Stack Custom Software Engineering (APIs, Microservices, Backends)
- Cloud Architecture & DevOps (Firebase, GCP, AWS, CI/CD Pipelines)
- Public Dataset Integration & ETL (USDA FoodData Central, curated on-device datasets, search ranking)
- Building Automation Systems (BAS) Interop & Facilities IT (Metasys archive parsing, BACnet object models, controller files)
- UI/UX Design & Rapid Prototyping
- Database Design & Management (Firestore, PostgreSQL, on-device Hive, Real-Time DBs)
- Security & Compliance (GDPR, CCPA, WA MHMDA, Health Connect / HealthKit, Crashlytics-monitored production)
- Agile Development & Technical Consulting

### DIFFERENTIATORS

- SBA-Certified Service-Disabled Veteran-Owned Small Business (SDVOSB) — eligible for VA Veterans First and government-wide SDVOSB set-aside contracts
- Also certified as a Veteran-Owned Small Business (VOSB); both certifications active through 05/14/2029
- Owner-operator delivery — the veteran founder is the principal engineer
- Cross-platform expertise delivering native-quality apps from one codebase
- Cloud-native architecture for scalable, cost-efficient solutions
- Live, age-gated consumer health software with documented GDPR / CCPA / WA MHMDA posture
- Proven public-domain dataset curation pipeline (USDA) shipped to production
- BAS interop capability — open-source tooling against Johnson Controls Metasys archives, applicable to federal facilities portfolios
- End-to-end capability from design through deployment and maintenance

### PAST PERFORMANCE

#### Gudea — AI-Powered Wellness & Fitness Platform

Cross-platform consumer health app with AI coaching. Tracks workouts, nutrition, sleep stages, supplements, medications, symptoms, cholesterol / lipid panels, and weight with safety-stop monitoring. Ships a curated on-device food database derived from USDA FoodData Central, plus barcode scanning and nutrition-label OCR. 18+ age gate; consent-driven cloud sync; GDPR / CCPA / WA MHMDA compliant.

**Tech:** Flutter/Dart, Hive, Firebase (Auth, Firestore, Cloud Functions, Analytics, Crashlytics), GCP, Anthropic Claude, Health Connect, HealthKit, USDA FoodData Central, mobile\_scanner, RevenueCat, AdMob

**Status:**

### COMPANY DATA

**UEI:** VPM7K9BZLNU2

**CAGE Code:** 1AYK1

**SAM Status:** Active (Exp. 03/2027)

**Business Type:** Small Business, SDVOSB, VOSB

### NAICS CODES

- 541511 — Custom Computer Programming
- 541512 — Computer Systems Design
- 541519 — Other Computer Related Services
- 518210 — Computing Infrastructure / Hosting
- 511210 — Software Publishers

### CONTACT INFORMATION

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Live on Android (age-gated); iOS TestFlight

### **Metasys Archive Viewer (dbexport-viewer) — Open-Source BAS Interop Tool**

Browser-based, fully offline reader, differ, and bulk repair tool for Johnson Controls Metasys .dbexport archives and .caf controller files. Parses BACnet object hierarchies, decodes 206 property names and 104 class IDs harvested from public JCI Launcher resources, diffs two snapshots at object and property level, exports to CSV/JSON, and bulk-repoints unbound references. Verified on a real 12,271-object archive. Apache 2.0. Relevant to VA, DoD, and GSA facilities running Metasys at scale.

**Tech:** JavaScript (single-file HTML + JSZip), BACnet object model, Metasys SCT archive format, .caf controller format, Python ETL for dictionary harvest

**Status:** Public release; open source on GitHub

### **Bullion Buddy — Precious Metals Marketplace**

Full-featured cross-platform marketplace for buying/selling precious metals. Real-time spot-price integration, geolocation search, secure messaging, seller reviews, subscription tiers, cloud storage.

**Tech:** Flutter/Dart, Firebase, GCP, RevenueCat, AdMob

**Status:** Live in production (Web & Mobile)