



## elfOvations LLC

AI SOLUTIONS · SOLUTION ARCHITECTURE ·  
WORKFORCE EXCELLENCE

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**CAPABILITY STATEMENT · 2026**

### \$15K to \$40K

EXPERT-DIRECTED AI DELIVERY

### 80+

ENTERPRISE INTEGRATIONS BUILT

### 12 AWS

SERVICES IN SINGLE PLATFORM

### 100+

PROFESSIONALS PLACED

#### COMPANY SNAPSHOT

|          |                                                                             |
|----------|-----------------------------------------------------------------------------|
| UEI      | YFA8MJM5G663                                                                |
| CAGE     | 125P9                                                                       |
| SAM      | Active · Exp. Mar 2027                                                      |
| Type     | Small Business                                                              |
| NAICS    | 541512 (Primary)                                                            |
| Est.     | 2021 · 5 Years                                                              |
| Location | Edison, NJ                                                                  |
| Options  | Open market · Sub · Teaming ·<br>WOSB & EDWOSB set-aside<br>(SBA Certified) |

#### CERTIFICATIONS

|                                                                                    |                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|    | <b>Women-Owned Small Business</b><br>SBA Certified · Effective 06/10/2026      |
|    | <b>Economically Disadvantaged WOSB</b><br>SBA Certified · Effective 06/10/2026 |
|   | <b>Small Disadvantaged Business</b><br>Self-Certified                          |
|  | <b>SAM.gov Registered</b><br>Active · All Awards                               |
|  | <b>GSA MAS SIN 54151S</b><br>Application in Progress                           |

#### NAICS CODES

|               |                                     |         |
|---------------|-------------------------------------|---------|
| <b>541512</b> | Computer Systems<br>Design Services | Primary |
|---------------|-------------------------------------|---------|

Also: 541511 · 519290 · 541519 · 541612 · 561311 ·  
561312

#### WHO WE ARE

elfOvations LLC delivers responsible AI platforms, cloud-native architecture, and specialized workforce solutions, with active engagements across federal regulatory, education, and veterans affairs agencies. Founded to bring dedicated technology and workforce delivery to complex federal modernization initiatives, elfOvations is built on a foundation of trusted federal partnerships that provided direct access to agency missions from day one.

#### WHY CLIENTS CHOOSE ELFOVATIONS

- ✓ AI-assisted engineering cutting delivery timelines by 60–80%
- ✓ Responsible AI by design: HITL controls, explainable outputs, audit trails
- ✓ Active federal AI engagements: regulatory, education, and VA agencies
- ✓ Proven in regulated environments: HHS compliance, Section 508
- ✓ Delivered 80+ APIs and 12 AWS services in a single production platform, in Under 12 Weeks vs. 14 to 20 months
- ✓ Architecture-to-workforce capability under one engagement model

#### CORE CAPABILITIES

##### AI & Intelligent Solutions

- › Generative AI & LLM integration
- › Clinical NLP · Amazon Comprehend Medical
- › Human-in-the-Loop (HITL) systems
- › AI-assisted software engineering
- › Intelligent workflow automation
- › Compliance-aware AI design

##### Solution Architecture & Modernization

- › Multi-tenant SaaS platform architecture
- › AWS CDK infrastructure-as-code
- › Cloud-native platform development
- › Enterprise API integration (80+)
- › Application modernization
- › CI/CD & DevOps automation

##### Program & Workforce Solutions

- › Executive & leadership search
- › Technical recruiting
- › Federal & commercial staffing
- › Full-cycle talent acquisition
- › Program leadership & advisory
- › Workforce planning & support

#### TECHNOLOGY ECOSYSTEM

|                           |                       |                           |                       |
|---------------------------|-----------------------|---------------------------|-----------------------|
| <b>AI / ML</b>            | Generative AI         | Amazon Comprehend Medical | Clinical NLP          |
|                           | HITL Architecture     |                           |                       |
| <b>Frontend</b>           | Next.js 16            | React 19                  | Tailwind CSS          |
|                           |                       |                           | shadcn/ui             |
| <b>Backend / APIs</b>     | FastAPI (Python 3.12) | PostgreSQL 16             | SQLAlchemy 2.0        |
|                           | REST API Design       |                           |                       |
| <b>Cloud &amp; DevOps</b> | AWS (12 services)     | AWS CDK                   | GitHub Actions / OIDC |
|                           |                       |                           | Docker / ECR          |
| <b>Security</b>           | AWS Cognito / JWT     | Row-Level Security        | HHS DUA Policy        |
|                           | Section 508           |                           |                       |
| <b>Platforms</b>          | Appian / OneNexus     | Agile Delivery            | Salesforce            |
|                           |                       |                           | ServiceNow            |

#### LEADERSHIP



**Shweta Nagpal**  
Founder & President

Sole Member with exclusive authority over all contracts, teaming agreements, and financial commitments. Strategic HR executive with 10+ years in federal and commercial recruiting. 100+ professionals placed for VA, NIH, CMS, and federal health programs.



**Ashish Nagpal**  
Chief AI & Solution Architect

20+ years in enterprise architecture and AI delivery. AI Consultant, U.S. Dept. of Education. Emerging Technology Consultant at a large federal regulatory agency. Architected Enterprise Data Governance Platform (12 AWS services, 80+ APIs, delivered in under 12 weeks). Digital Transformation Consultant, VA (2021–2025). 14 years at NBCUniversal.

01

## AI-Enabled Clinical NLP for Federal Regulatory Review

Federal Technology Partnership

Designed and delivered an AI-enabled SNOMED CT adjudication application for a large federal regulatory agency, replacing fully manual clinical-text classification with an intelligent, Human-in-the-Loop NLP workflow.

### KEY HIGHLIGHTS

- ▶ Amazon Comprehend Medical for clinical entity extraction; SNOMED CT APIs for real-time concept enrichment
- ▶ Human-in-the-Loop (HITL) controls: AI advises, human reviewers decide every time
- ▶ Weighted confidence scoring, explainable outputs; Section 508 / WCAG 2.0 AA compliant

### BUSINESS IMPACT

- ✓ 12× faster search: from 2 minutes to under 10 seconds per query
- ✓ Standardized SNOMED mapping; partnered with AWS to improve Amazon Comprehend Medical

02

## Enterprise Data Governance Platform

Commercial

Architected and delivered a production-grade, multi-tenant SaaS platform managing the full lifecycle of Data Use Agreements. Expert-directed, AI-executed pipeline delivered in Under 12 Weeks vs. a traditional team of 8 to 12 engineers over 14 to 20 months.

### KEY HIGHLIGHTS

- ▶ 80+ REST API endpoints · 12 AWS services · 9 CDK stacks · 80%+ automated test coverage
- ▶ HHS DUA Policy compliance (HHS-OCIO-CDO-2023-01-001); digital signatures; immutable audit trail
- ▶ Multi-party clause negotiation; schema-level multi-tenant isolation; machine-readable JSON rule export

### BUSINESS IMPACT

- ✓ Expert-directed pipeline in Under 12 Weeks at \$15K to \$40K vs. 8 to 12 engineers over 14 to 20 months; \$28/mo fixed infra cost per organization
- ✓ Replaced weeks of email/spreadsheet DUA process with automated, compliance-ready workflow

03

## Workforce & Technology Solutions

Federal + Commercial

Delivered specialized technology workforce solutions across federal agencies and Fortune 500 clients, combining deep market expertise with exceptional precision and speed in talent delivery.

### KEY HIGHLIGHTS

- ▶ Technical recruiting, executive search, and full-cycle talent acquisition
- ▶ Staffing for VA, NIH, CMS, federal health programs and J&J, KPMG, Schlumberger

### BUSINESS IMPACT

- ✓ 100+ professionals placed; 28 hires onboarded in 3 weeks for a VA project
- ✓ Built 12-member recruitment team at 95% placement efficiency

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WOSB · EDWOSB · SDB · SAM Active · Open market · Subcontracting · Set-aside eligible

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SCAN TO VISIT