



Scale With Precision

Capability Statement

Custom Software Development · AI Automation · Proposal Development · Recruitment & Staffing

Fedmire LLC delivers enterprise-grade technology solutions and professional services that empower businesses to operate smarter, hire better, and win more.

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About Fedmire LLC

Who We Are

Fedmire LLC is a technology and professional services company specializing in Custom Software Development, AI Automation, Proposal Development, and Recruitment & Staffing. We partner with startups, SMBs, and enterprises to build scalable software systems, deploy intelligent automation, craft winning proposals, and source top-tier talent.

Our team of engineers, data scientists, proposal specialists, and HR professionals work at the intersection of deep expertise and business strategy helping clients scale with precision.

VISION

To be the most trusted technology and professional services partner for businesses scaling through AI, software innovation, and exceptional talent.

MISSION

To deliver precise, intelligent, and scalable solutions - from code to proposals to people - that unlock growth at every stage.

5+

Years of Delivering
Tech Excellence

50+

Projects
Successfully
Delivered

30+

AI, Software &
Professional
Experts

98%

Client Retention
Rate

Core Competencies



AI Automation



Custom Software Dev



Proposal Development



Recruitment & Staffing



Cloud Architecture



Process Automation



Data Engineering



Security & Compliance

Four pillars. Unlimited potential.



Agentic AI

Autonomous multi-step AI agents that plan, reason, and execute complex workflows with minimal human intervention.



Deep Learning

Custom neural networks for image recognition, NLP, forecasting, anomaly detection, and specialized domain tasks.



Machine Learning

End-to-end ML pipelines: data prep, feature engineering, model training, evaluation, deployment, and monitoring.



RAG Systems

Retrieval-Augmented Generation grounding LLMs on your private knowledge bases for accurate, explainable answers.



CMI & Knowledge Graphs

Contextual Memory Intelligence with structured knowledge graphs to supercharge enterprise AI decision-making.



LLM Fine-Tuning

Domain-specific fine-tuning of GPT, LLaMA, Mistral, and open-source models on your proprietary datasets.



AI Process Automation

Intelligent RPA + AI for document processing, workflow automation, and intelligent data extraction at scale.



AI API & Integration

Seamless integration of AI capabilities into existing systems via REST/GraphQL APIs and microservice architectures.

Custom Software Development



Web & Mobile Apps

Full-stack web applications and cross-platform mobile apps (React Native, Flutter) built for performance and scale.



Cloud-Native Solutions

Microservices, serverless architectures, and container-based deployments on AWS, Azure, and GCP.



API & Backend Engineering

High-throughput REST and GraphQL APIs, event-driven systems, and robust database design.



DevOps & CI/CD

Automated pipelines, infrastructure-as-code, and continuous delivery for rapid, reliable software releases.



QA & Security Testing

Automated test suites, penetration testing, and security audits to ensure code quality and compliance.



MVP & Product Engineering

Rapid prototyping and MVP development to validate ideas and bring products to market faster.

Selected Past Performance

Fedmire LLC delivers Artificial Intelligence, enterprise software engineering, manufacturing intelligence, healthcare, education, logistics, and digital transformation solutions. Our multidisciplinary engineering teams design and deliver scalable, secure, and business-centric technology solutions that solve complex operational challenges across multiple industries.

From agentic AI systems that automate manufacturing operations to computer vision platforms that give plant leaders real-time visibility on the shop floor, Fedmire partners with clients end-to-end - from product discovery and architecture through delivery, modernization, and long-term support. Our teams combine deep AI and machine learning expertise with proven enterprise software engineering practices to deliver measurable operational impact.

The engagements on the following pages illustrate the breadth of Fedmire LLC's delivery experience - spanning agentic AI, computer vision, manufacturing intelligence, and enterprise software - along with the specific capabilities built for each.

Manufacturing

Healthcare

Education

Logistics

Enterprise Software

Agentic AI

Past Performance - Engagements (I)

AI, Manufacturing & Computer Vision



Agentic AI for Order-to-Cash (O2C) Operations

Designed an agentic AI solution supporting manufacturing Order-to-Cash workflows end to end.

- Autonomous AI agents that execute and monitor steps across the O2C process
- Enterprise knowledge assistance for order, billing, and fulfillment questions
- Workflow automation spanning the full order-to-cash lifecycle
- Contextual decision support for order exceptions and approvals
- Manufacturing process intelligence linked to production and fulfillment data
- Operational analytics and reporting for O2C performance



AI-Powered Manufacturing Intelligence Platform

Developed AI and computer vision solutions giving plant and operations leaders real-time visibility into production.

- Real-time production monitoring across lines and shifts
- OEE (Overall Equipment Effectiveness) visibility
- Operational dashboards for plant and operations leadership
- AI-driven process optimization
- Intelligent event detection to flag anomalies early



Computer Vision & Video Analytics

Delivered real-time video analytics to strengthen safety, quality, and productivity on the shop floor.

- Machine intervention detection
- Production monitoring
- Human activity recognition
- Safety compliance monitoring
- Waste detection
- Object detection and intelligent alerting

Past Performance - Engagements (II)

Education, Healthcare & Logistics



Education Technology

Delivered a full education ERP covering the academic lifecycle from admissions to administration.

- Student Information Systems (SIS)
- Learning Management Systems (LMS)
- Admissions and enrollment workflows
- Attendance tracking
- Examinations and grading
- Analytics and administration platforms



Healthcare

Built secure, workflow-driven applications supporting patient care and clinic operations.

- Patient management
- Appointment scheduling
- Healthcare workflow automation
- Administrative dashboards
- Secure healthcare applications



Logistics

Developed logistics platforms connecting operations teams, drivers, and customers.

- Shipment tracking
- Workflow automation
- Customer-facing portals
- Mobile applications
- Operational dashboards

Past Performance - Engagements (III)

Enterprise Software, AI Assistants & Product Engineering



Enterprise Software

Implemented enterprise-grade applications and cloud platforms to run core business processes.

- Enterprise applications
- Workflow systems
- Customer portals
- Executive and operational dashboards
- Cloud-based business applications



AI Knowledge Assistants

Built enterprise AI assistants that put knowledge and workflow guidance at employees' fingertips.

- Knowledge retrieval across enterprise content
- Conversational assistance
- Document intelligence
- Workflow guidance



Product Engineering

Supported clients across the full product lifecycle, from first concept to long-term support.

- Product discovery
- MVP development
- Modernization of legacy systems
- Enhancement and maintenance
- Long-term product support

Past Performance - Engagements (IV)

Resource Augmentation & Technology Expertise



Resource Augmentation with following Technology Expertise

Extended client delivery teams with specialized, senior technology talent.

- AI Engineers and Software Architects
- Full-Stack and Mobile Developers
- QA Engineers
- Technical Leads
- Project Managers

TECHNOLOGY EXPERTISE

Artificial Intelligence

Agentic AI

Computer Vision

Video Analytics

Machine Learning

React

React Native

Angular

.NET

Java

Node.js

PHP

Laravel

Python

FastAPI

MongoDB

MySQL

Google Cloud Platform

Our Tech Stack

AI & ML Frameworks

TensorFlow

PyTorch

Scikit-learn

HuggingFace

LangChain

LlamaIndex

LLMs & AI Services

OpenAI GPT

Claude API

Mistral

Gemini

Cohere

AWS Bedrock

Programming Languages

Python

TypeScript

JavaScript

Go

Java

Rust

Web & Mobile

React / Next.js

Node.js

FastAPI

Flutter

React Native

GraphQL

Cloud & DevOps

AWS

Azure

GCP

Docker

Kubernetes

Terraform

Data & Databases

PostgreSQL

MongoDB

Redis

Pinecone

Weaviate

Apache Kafka

Proposal Development Services

Strategic · Compliant · Win-Ready



RFP / RFQ / RFI Response

End-to-end management of federal, state, and commercial solicitation responses - on time, fully compliant, and compelling.



Technical Writing

Clear, precise, and persuasive technical narratives that communicate complex solutions to both technical and non-technical evaluators.



Proposal Strategy & Capture

Win-theme development, competitive analysis, solution positioning, and capture planning to maximize probability of winning.



SME & Solutioning Support

Fedmire provides access to experienced Subject Matter Experts (SMEs) who collaborate with proposal teams to develop compliant, technically sound, and customer-focused solutions.



Compliance Matrix

Thorough compliance reviews, shredding matrices, and annotation of requirements to ensure zero non-compliance findings.



Orals & Presentations

Preparation of oral proposal presentations, executive briefings, and color review facilitation (Pink, Red, Gold teams).

Recruitment & Staffing Services



Direct Hire & Executive Search

Sourcing and placing permanent full-time employees from individual contributors to C-suite leaders across tech and business functions.



Contract & Contract-to-Hire

Flexible staffing solutions for short-term needs, project-based work, or try-before-you-hire engagements.



AI & Tech Talent Acquisition

Specialized recruiting for software engineers, data scientists, ML engineers, DevOps specialists, and AI researchers.



Cleared Workforce Solutions

Leveraging specialized recruitment expertise and advanced sourcing tools, Fedmire delivers highly qualified cleared professionals including Secret, Top Secret, and TS/SCI candidates for defense, intelligence, and civilian federal programs



Candidate Screening & Vetting

Multi-stage assessment including technical screenings, behavioral interviews, reference checks, and background verification.



Employer Branding & Advisory

Strategic advisory on talent positioning, compensation benchmarking, and employer brand to attract top-tier candidates.

Business Impact



Enabled digital transformation across manufacturing, healthcare, education, insurance, and logistics operations.



Improved manufacturing visibility through real-time analytics and computer vision.



Reduced manual effort through intelligent workflow automation.



Modernized enterprise applications for improved performance and scalability.



Enhanced decision-making through contextual, AI-driven insights.



Built scalable, secure, cloud-based platforms designed for long-term growth.

Engagement Models

Fixed-Price

Best for: Defined scope projects

Ideal when requirements are well-understood. Enjoy predictable budgets, clear milestones, and guaranteed deliverables with no cost surprises.

- Clear scope & deliverables
- Predictable cost & timeline
- Milestone-based payments
- Dedicated project manager

Time & Material

Best for: Evolving requirements

Pay for actual work done. Perfect for exploratory projects, R&D, and ongoing development where flexibility is paramount.

- Maximum adaptability
- Transparent hourly billing
- Sprint-based delivery
- Ideal for AI/ML projects

Dedicated Team

Best for: Long-term partnerships

A fully embedded team functioning as your extended technology or staffing department - focused, aligned, and accountable.

- Full-time dedicated staff
- Direct team communication
- Scalable up/down easily
- Knowledge retention & continuity

Why Choose Fedmire



AI-First Culture

Every solution we build is AI-ready. We embed ML and automation from day one, not as an afterthought.



Production-Grade Quality

We build for scale. Our code is clean, tested, and architected to handle real-world enterprise demands.



Proposal Win Experts

Our proposal team has deep experience winning federal and commercial contracts across multiple industries.



Top-Tier Talent Network

Access a curated pipeline of pre-vetted AI, software, and business professionals ready to deploy fast.



Rapid Delivery

Agile sprints, CI/CD pipelines, and MVPs in weeks - not months. We move at startup speed.



Security & Compliance

SOC 2-aligned practices, secure-by-design architectures, and data privacy built into every system.



Let's Build Something Remarkable Together

Scale With Precision. Start Your Journey with Fedmire LLC



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[Schedule a Free Consultation →](#)