YRS TECHNOLOGIES

YRS Technologies LLC
Silver Spring, MD

CORE CAPABILITIES

Software modernization
Legacy system discovery, web applications, APIs, and automated tests.

Applied AI
Document search, AI assistants, and automation with user approval and audit records.

Cloud and data
Federal data ingestion, search, analytics, CI/CD, and cloud deployment.

NAICS CODES

541511 PRIMARY	Custom Computer Programming Services
541512	Computer Systems Design Services
541519	Other Computer Related Services
518210	Computing Infrastructure, Data Processing, and Web Hosting

PSC CODES

DA01	Business Application and Application Development Support Services
DB02	Compute Support Services, Non-HPC

COMPANY DATA

Business type	Small business
UEI	PTWCYGL4UF15
SAM / CAGE	In progress
Certification	Maryland Certified Small Business
Purchase card	Accepted

TECHNOLOGY

Python, TypeScript, React, Next.js, Node.js, PostgreSQL, Google Cloud, AWS, Firebase, BigQuery, Docker, GitHub Actions, LLM APIs (OpenAI, Anthropic, Gemini), RAG

Capability statement

YRS Technologies builds custom software, AI integrations, and cloud and data systems for government and commercial work. Cofounder Rohit Sharma has delivered software for federal health programs, government contractors, and federal events.

Differentiators

Federal procurement data
Founder experience building production software on SAM.gov and USAspending data for solicitation analysis and teaming.

Human-in-the-loop AI
AI features ship with user approval, permission checks, and audit records.

Direct accountability
Our cofounders scope, build, and deploy the work across frontend, backend, data, and cloud, with no handoffs between vendors.

Verified modernization
Legacy logic rebuilt and checked against the original system's results before delivery.

Founder experience

Projects reflect Rohit Sharma's professional experience at other organizations. It is key personnel experience, not YRS Technologies corporate past performance.

01 SAMHSA Synar survey estimation system

Federal contractor · Software Developer

Reverse-engineered a nationwide Excel/VBA survey estimation system. Rebuilt its statistical and reporting logic in Python and checked results with the program's statistics expert. Delivered a completed web version and the Python backend to SAMHSA, then built and demonstrated a Python command-line version for agency review.

02 GovCon software and AI platform

Cofounder and CTO · GovCon software company

Led architecture and development of a production multi-tenant platform for federal contractors, covering opportunity search, pipeline, capture, teaming, and staffing. Ingests SAM.gov opportunities and USAspending award history to power AI solicitation analysis, full-text search, and teaming recommendations. Includes a governed AI assistant that requires user approval and server-side permission checks before any changes are applied.

03 Federal Matchmaking Conference

Delivered on the GovCon platform above · Sole developer

Built custom matching algorithms, AI profile enrichment, and constraint-based scheduling. Attendees used one platform to sign in, update their company profiles, and view their meeting schedules.

2,700+	1,000+	~300	3
proposed matches	meetings scheduled	companies	event days

04 HRSA telehealth grantee meeting

Federal contractor · Software Developer

Built the 2026 Office for the Advancement of Telehealth grantee meeting website for a fixed event date. Added attendee photo submissions with an organizer approval dashboard. Provided live technical support during the event.

POINT OF CONTACT

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