



Effective Solutions. Measureable Outcomes.

Service Offerings • February 2021

13+ Years in Business and Going Strong

ni·yam

/ˈnē-yēm/

noun. a system or process governed by rules; a regular habit marked by focus and reflection. [From the Sanskrit *niyama*, ‘positive duties’]

Our Mission

To serve the global community by delivering **innovative IT solutions** for tomorrow's most complex and **critical mission challenges**.

Our Technology Partners



Our University Partners

George Washington University Advisory Board • University of Hawaii • University of Iowa

Our Vision

To be a **trusted partner** and a recognized industry leader committed to improving our clients' **operational outcomes**.

Our Federal Clients



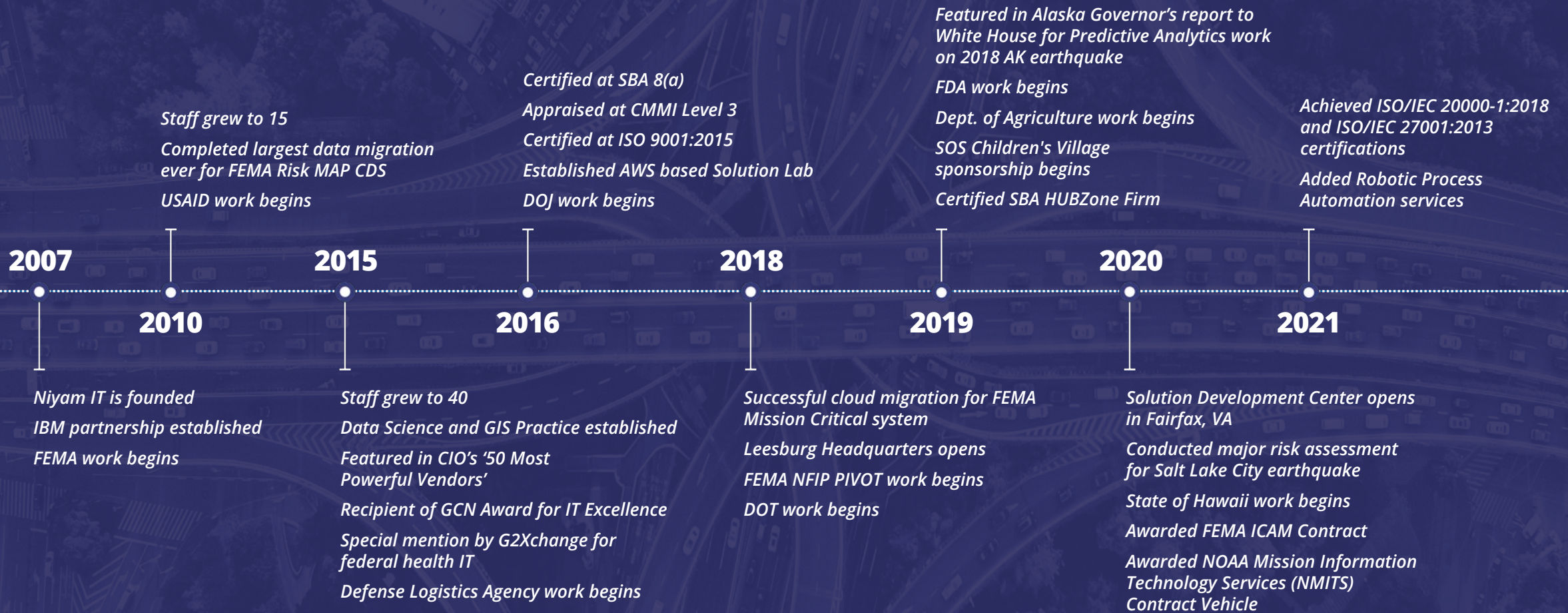
Our Story

In the years since Niyam IT's founding in 2007, we have developed an impressive track record of successful outcomes, securing our reputation as the go-to provider of **innovative IT solutions**.

Today, we're **setting the standard** for the IT industry. Our state-of-the-art, mission-critical technologies have been deployed across **multiple federal agencies** and the larger public marketplace.

All throughout our years of growth, one thing has always remained constant: **Niyam's commitment to lasting relationships**. We push the limits of technology to **achieve breakthrough results** for every client, anticipating their needs today to ensure they have the right solutions for tomorrow.

Our Milestones



Our People

Innovators. True Believers. Focused. Skilled.

Our team is the force that drives our success.

“Suman, you built a great team!”

Chris Vaughn, FEMA GIO

Our Experience

- + Industry Podcasts & Hackathons
- + CMMI DEV LVL 3
- + ISO 9001:2015, ISO/IEC 20000-1 & ISO/IEC 27001 Certified
- + Trusted Advisor

70%
of revenue is organic growth

“Keep doing the great job you always do! You are innovative and excellent at delivering.”

Paul Huang, FEMA Deputy Assistant Administrator for Federal Insurance

Our Culture

We're always on the lookout for **good ideas.**

We donate 5% of our annual profits to **local and global charities.**

**Big business
abilities with small
business agility.**

"A company with a heart."

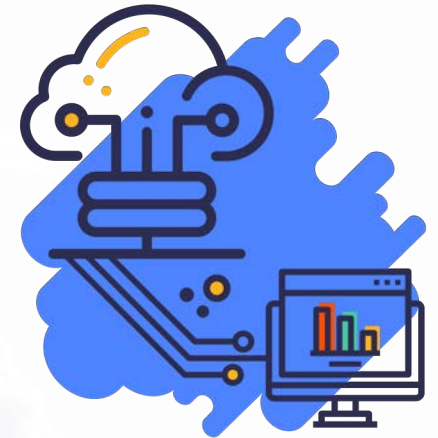
Neil Ghosh, SOS Children's Village CEO

Core Capabilities

Data Science, Maintenance, and Analytics

- Extract maximum intelligence from your data with AI & Machine Learning-based data analytics
- Simplify structured and unstructured data using Natural Language Processing and custom algorithms
- Transform disparate high-volume data sources into actionable insights with self-service data accessibility
- Deploy custom-built dashboards or integrate your favorite 3rd party visualization tools

Niyam's data scientists have decades of hands-on experience managing every aspect of the data process, from planning and design through deployment, analysis, and monitoring. By identifying and applying the most effective data management strategies and analytic approaches, we empower decision makers at every level with the critical, timely intelligence they need.



Core Capabilities

GIS Analytics and Applications

- Deploy spatial analytics to predict risk areas for emergency management (FEMA)
- Get real-time situational awareness with advanced geocoding/geolocation and remote sensing data
- Prepare for any scenario with custom risk assessments and mitigation/preparedness plans
- ESRI ArcGIS and Open Source Software deliver state-of-the-art visualization and analytics

Using advanced spatial modeling software and highly-specialized techniques, our GIS experts collect and analyze geospatial data to reveal incredibly accurate, mission-critical insights. By drawing upon our experience in queries, coding, visualization, and big data, Niyam is uniquely qualified to design and deploy custom GIS solutions tailored to meet your specific planning and risk assessment needs.



Core Capabilities

Agile/DevSecOps

- Get your product out the door and into customers' hands faster, with fewer setbacks and lower risk
- Foster collaboration and transparency among teams by breaking down departmental barriers
- Eliminate operational chaos and proactively plan for change with flexible, scalable solutions
- Improve security posture and increase operational efficiency by automating security protocols

Our flexible, scalable solutions are specifically designed to maximize efficiency across the entire enterprise, boosting productivity and speed-to-market. With our exclusive Responsive Methodology™ process, you'll see dramatically improved transparency, flexibility, and adaptability, while simultaneously minimizing cost and risk.



Core Capabilities

Infrastructure and Cloud Engineering

- Optimize resource allocation with a solution tailored to your priorities and available infrastructure
- Deploy fit-for-purpose cloud applications and single- or multi-cloud deployment strategies
- Protect your data on-site or in the cloud and keep it moving securely across applications
- 99.99% uptime guarantee ensures maximum operational functionality and service reliability

Get the solid foundation you need to expand securely and adapt to changing demands. Niyam helps clients gain control over their toughest operational challenges, creating fit-for-purpose solutions that provide rapid innovation capabilities. With 99.99% operational uptime and the ability to quickly resolve critical issues, we deliver the peace of mind you need to grow with confidence.



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We carefully choose the best approach for each project in order to achieve the client's goals, always working collaboratively to ensure clear outcomes at every stage.

Suman Biswas, Founder
Niyam IT

Successful Outcomes



FEMA Digital Library

Niyam implemented a state-of-the-art digital library for FEMA's nationwide floodplain data. Our innovative solution shrunk internal data requests by over 50%, supported the reduction of warehouse space by 3600 sq. ft., and delivered significant savings in annual lease costs.

50%
FEWER INTERNAL DATA REQUESTS

Successful Outcomes



Anthem Data Management

Leveraging IBM Initiate, Niyam's data science team architected and developed a master data management solution for Anthem. The result was a resounding success, delivering a 78% reduction in data duplication.

78%
LESS DATA DUPLICATION

Successful Outcomes



NYC Hazard Mitigation Plan

New York City's Office of Emergency Management asked Niyam to develop a city-wide multi-hazard risk assessment. Our AI/ML-based predictive analytics solution **Flood Assessment Structure Tool (FAST)** estimated 100-year flood losses at 800,000 structures across the city in 80 seconds, a remarkable improvement over the previous hours-long process.

HOURS OF CALCULATION REDUCED TO
80 SECONDS

Successful Outcomes



Pacific Disaster Center Dashboards

Our GIS experts developed and deployed smart, intuitive, location-based dashboards for the Pacific Disaster Center, including geo-targeted alerts to quickly retrieve the status of mitigation actions in the event of a natural hazard.

LOCATION-BASED DASHBOARDS WITH
**GEO-TARGETED
ALERTS**

“

Niyam displays high service levels, as evidenced by their aggressivness in handling help desk tickets.

Sunia Akbary
IBM Global Services Partner

Successful Outcomes



Project: Non-Disaster Grants (NDG) Modernization

FEMA Enterprise Application Development, Integration, and Sustainment (EADIS) Program

Before:

FEMA's old platform generated incredibly high O&M costs. It used a complicated, non-standard framework and required numerous manual data fixes to maintain functionality.

After:

FEMA now has a streamlined, flexible NDG management platform that can be customized on-the-fly based on user needs. This next-generation tool is emerging as a go-to standard for additional grants.

Successful Outcomes



Dynamite Gymnastics SaaS

Niyam developed a web-based portal and iOS app for Dynamite Gymnastics, incorporating multiple business functions. Our solution delivered faster end-to-end processing, lowered operating costs by 78%, and increased student enrollment by 56% within 18 months.

56%
INCREASE IN ENROLLMENT

Successful Outcomes



NFIP Large File Transfer Solution

Our engineers were asked to develop an innovative large file transfer solution for the National Flood Insurance Program. Our IBM Aspera and Softlayer Cloud solution reduced file transfer time by 45%, garnering a significant boost in customer satisfaction.

45%
FASTER FILE TRANSFERS

Successful Outcomes



Project: Software-as-a-Service

Tracktivities Website Development

Before:

A slow, outdated desktop application was used to manage business functions, workflow, and student registrations. Operating costs were high and enrollment had stagnated.

After:

A new web-based portal and iOS app delivered faster end-to-end processing. Operating costs are down by 73% and enrollment is up by 56%. The company now has a flexible platform that allows it to adapt quickly to changing business priorities.

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Our solutions offer drastic reductions in processing times, memory usage, and bandwidth demands on system components.

Joseph Satchavarodom, Director of Cloud Engineering
Niyam IT

Our Domains

Emergency Planning & Response

Mission-critical tools to address all four areas of emergency preparedness: Mitigation, Planning, Reponse, and Recovery.

Natural Resource Management

Advanced technologies for promoting the maintenance, security, delivery, and sustainable use of our natural resources.

Law Enforcement & Justice

Targeted solutions for achieving specific law enforcement missions and supporting criminal and civil justice initiatives.

Public Health

IT solutions designed to improve population health outcomes across the U.S. and around the globe.

Global Citizen Services

Specialized tools and processes that help governments deliver critical public services and achieve common goals.

Homeland Security

IT solutions that are responsive, secured, reliable, and scalable for exigencies.

Applied Expertise

Where our technical skill meets industry know-how.

Industry/Sector	Technical Capability	Clients Served
Insurance (Health IT, Natural Hazards)	Data Management and Analytics, GIS, Cloud Engineering	FEMA Enterprise, FEMA NFIP PIVOT, Wellpoint Health Insurance (Anthem), US Dept. of Transportation (USDOT)
Grants Management	Agile/DevSecOps, Data Management and Analytics, Cloud Engineering, Mobile	US Dept. of Justice (USDOJ), FEMA Enterprise, US Agency for International Aid (USAID), Defense Logistics Agency (DLA)
Natural Resource Management	GIS, Agile/DevSecOps, Cloud Engineering	FEMA Mitigation, FEMA NFIP, USAID, USDOT
Disaster Mitigation & Response	Data Management and Analytics	FEMA Mitigation, FEMA NFIP, Pacific Disaster Center (PDC)

Applied Expertise

Where our technical skill meets industry know-how.

Industry/Sector	Technical Capability	Clients Served
Supply Chain	Supply Chain Management (SCM)	DLA, USAID, IBM, USDOT
Business Process and Case Management	Business Process Management (BPM), Agile/DevSecOps, Cloud Engineering	FEMA Enterprise, FEMA Mitigation, DLA, USDOJ, USDOT, FEMA NFIP, USDA Foreign Agriculture Service
Identity Management/Protection	PIV Authentication, SAML, Infrastructure Management	FEMA Enterprise, GSA, Cerner, USDOJ, DISA, USDOT
System Modernization and Information Management	Agile/DevSecOps, Cloud Engineering, Data Management/Governance, GIS	FEMA Enterprise, GSA, USDOJ, DISA, USDOT, USAID, FEMA NFIP PIVOT, FDA

Contract Vehicles

GSA Multiple Award Schedule (MAS)

Contract Number: GS-35F-144DA

NOAA Mission Information Technology Services (NMITS)

Contract Number: GS-35F-144DA / 1305M421ANAAA0015

Primary NAICS

541512 Computer Design Services

541519 Other Computer Related Services

518210 Data Processing, Hosting, and Related Services

511210, 519130, 522320, 541330, 541511, 541513, 541611, 541618, 541620, 541690, 541715, 541990, 561611

DUNS

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Schedule 70: GS-35F-144DA | SBA Certified 8(a) | SBA Certified HUBZone | CMMI DEV LVL 3 | ISO 9001:2015 | ISO/IEC 20000-1 | ISO/IEC 27001