

Pushing the limits of technology to  
solve complex mission problems

**NIYAM IT**™

# ni·yam

/ˈnē-yəm/

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

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

# Our Story

Niyam IT was founded in 2007 to be an entirely new kind of technology company: one grounded by orderly process, yet fueled by passion and innovation. Over the years, we've fine-tuned our craft and developed an impressive record of successful outcomes, ultimately securing our reputation as the go-to provider of smart, innovative IT solutions.

**Today, Niyam is at the vanguard of the IT industry.** Our state-of-the-art, mission-critical technologies have been deployed across multiple federal agencies and throughout the public marketplace.

What kind of people work for Niyam? Scientists with a passion for data. Engineers who thrive on innovation. Problem solvers and dreamers. Outside-the-box thinkers. We're a dedicated team of true believers – not only in our own core mission, but in our clients' core missions as well.

Throughout our history of growth and change, one thing has always remained constant: our 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 – and beyond.

# Our Milestones



# Our Capabilities

With our deep reservoir of technical know-how and relentless drive to innovate, Niyam consistently delivers breakthrough results for our clients.

Our team of analysts, engineers, and developers are experts in their respective fields and passionate about delivering smart, effective solutions. We customize our approach to every project in order to achieve optimal results, working collaboratively to ensure clear outcomes at every stage.

Whether you're looking for **Data Science, GIS Analytics, Cloud Engineering,** or **Agile/DevSecOps** services, we have the skills and experience to deliver the perfect solution.

Our custom-built **IT solutions** are specifically designed to **supercharge** every aspect of your operation, delivering transformational outcomes **across the entire enterprise.**

REAL ANSWERS. ACTIONABLE INSIGHTS.

# Data Science, Management & Analytics

**Our 360° approach to data yields maximum clarity and insight.**

At Niyam, we understand the value of big data in today's evolving technological ecosystem. Combined with our cloud engineering and IT security services, our comprehensive data management package can be tailored to fit the needs of any size business. With years of hands-on experience managing every aspect of the big data process, our experts know what it takes to transform raw data into real business intelligence.

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



GET A GLOBAL PERSPECTIVE.

# GIS Analytics & Applications

**Optimize your planning and mitigation efforts with real-time, on-the-ground insights.**

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.

- ✓ Deploy Spatial Analytics to predict risk areas for emergency management (FEMA)
- ✓ Prepare for any scenario with custom risk assessments and mitigation/preparedness plans
- ✓ Implement real-time situational awareness planning using advanced Geocoding/Geolocation and remote sensing data
- ✓ Get state-of-the-art geospatial visualization and analytics support using ESRI ArcGIS and Open Source Software

SECURE YOUR FUTURE.

# Infrastructure & Cloud Engineering

**Build the flexible framework you need to grow and adapt with ease.**

Our Infrastructure & Cloud Engineering services provide the solid foundation needed to expand securely and adapt to changing demands. We help 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.

- ✓ Optimize the allocation of your resources with a solution tailored to your specific 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, keep it moving securely across applications and monitor the trust of all your digital interactions
- ✓ 99.99% uptime guarantee ensures maximum operational functionality and service reliability

DELIVER FUNCTIONALITY FASTER.

# Agile/DevSecOps

**Move your operation out of the slow lane with our Agile/DevSecOps software delivery services.**

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 – putting you on the road to faster, more agile innovation.

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

# Our Domains

With a growing list of clients across five major domains — **Emergency Preparedness & Response, Natural Resource Management, Law Enforcement & Justice, Public Health, and Global Citizen Services** — Niyam is quickly becoming the leading provider of critical industry-focused technologies.

From mapping the location of hazardous liquid and gas transmission pipelines, to identifying environmental disaster events and predicting economic losses in real-time, we have the hands-on experience and technical know-how to solve the unique challenges of each industry.

Whether deployed across public agencies or implemented by private enterprise, our innovative technology solutions consistently deliver measurable results for every stakeholder.

## **Emergency Planning & Response**

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

## **Natural Resource Management**

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

## **Law Enforcement & Justice**

Targeted solutions designed to achieve specific law enforcement missions and support initiatives within the criminal and civil justice systems.

## **Public Health**

IT solutions designed to support the mission of improving population health outcomes across the U.S. and around the globe.

## **Global Citizen Services**

Specialized tools and processes designed to help governments deliver critical public services and achieve specific goals.

A group of hands of various skin tones are shown holding a globe of the Earth. The hands are positioned around the globe, with fingers and palms visible, suggesting a collective effort or support. The entire image is overlaid with a semi-transparent blue filter.

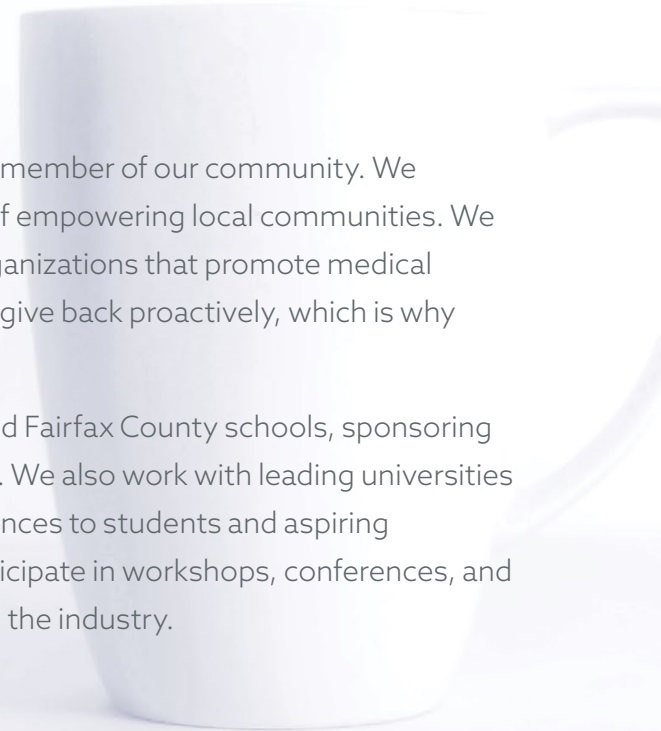
***“A company with a heart.”***

Neil Ghosh, CEO | SOS Children’s Villages USA

# Giving Back

Niyam IT is committed to being an ethical company and a responsible member of our community. We believe in the inherent value of our environment and the importance of empowering local communities. We donate to charities that elevate human rights, and actively support organizations that promote medical research and assistance for disadvantaged communities. We strive to give back proactively, which is why you'll find us in schools, nonprofits, and charity events.

We invest time and resources to support the local Loudoun County and Fairfax County schools, sponsoring programs that promote special education and STEM initiatives for kids. We also work with leading universities to supply valuable internship opportunities, offering hands-on experiences to students and aspiring professionals. Outside the classroom, we frequently sponsor and participate in workshops, conferences, and hackathons, sharing our knowledge and skills with others from around the industry.



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