Firm Profile Ayyo Technology – Capability Statement

AI Security & Autonomous Systems Assurance

Company Overview

• AI security firm headquartered in Wake Forest, NC
• Specializing in Local AI Engineering, offensive & defensive security for large-language-model (LLM) and robotics deployments
• Registered in SAM.gov; eligible for subcontract & set-aside teaming

Core Competencies

Local AI/LLM Engineering. RAG Retrieval Augmented Generation

LLM & Generative-AI Security
• LLM Risk / Compliance Assessments (NIST AI RMF, ISO 42001 draft)
• AI Red-Team Exercises – prompt-injection, jailbreak & data-poison testing

Automated Penetration Testing
• Deven – AI-driven network & web-app pen-tester (hour-based licensing)

Robot Product Safety
• Functional-safety & cyber-hardening audits (ISO 13849, IEC 61508, UL 4600)

Advisory & Training
• Secure prompt-engineering playbooks
• Staff workshops on LLM/robotic threat modeling

Differentiators

• Speed & Scale – AI engine "Deven" scans > 10k endpoints/night, producing CVSS-scored findings 70% faster than manual testers.
• Holistic Coverage – One engagement covers code, model weights, supply-chain containers, AND real-world robot motion hazards.
• Reg-Ready Deliverables – Reports map directly to OWASP LLM Top 10, NIST SP 800-53 controls, and ISO functional-safety clauses.
• Local Presence, Global Reach – Based in the Raleigh–Durham tech corridor; secure remote testing labs for nationwide clients.

Past Performance (selected)

Client	Scope	Outcome
Regional Healthcare Provider	LLM risk assessment + red-team prompts for patient-chatbot	Closed 11 critical vulnerabilities; achieved HIPAA attestation ahead of schedule
FinTech SaaS (Series B)	72-hour Deven automated pen-test & retest	Reduced mean-time-to-remediate by 45%; passed PCI-DSS audit
Robotics OEM	Robot Product Safety audit (UL 4600 pre-cert)	Identified servo-override flaw; enabled on-time market launch

NAICS Codes

541512 – Computer Systems Design Services
541511 – Custom Computer Programming Services
541519 – Other Computer Related Services
541690 – Scientific & Technical Consulting
541330 – Engineering Services

Corporate Data

UEI / CAGE	Provided upon request
DUNS	–
HQ	525 S. White St., Suite 204, Wake Forest, NC 27587
POC	KJ. Morrison (Founder)
Tel	919-886-4556
Email / Web	info@ayyo.tech / https://www.ayyo.tech

Partner with Ayyo Tech to create your local LLM, secure AI, LLM, and robotic products—before attackers (or regulators) beat you to it.

Experience and Qualifications

Benefits of Partnering with AYYO TECH - Achieving Real Results for our Clients

AYYO TECH's cyber security solutions have transformed organizations across the country into cyber centers of excellence. Our deliverables are implemented with a futuristic lens to ensure the impact of our work fosters ongoing digital transformation.

Comprehensive Technology Solutions- the AYYO TECH Difference

In the ever-changing technological landscape, threat actors never rest. Having fortified, up-to-date Information Technology (IT) systems are no longer just an option; they're the foundation for a strong organization. Now, more than ever, businesses need a rock-solid IT infrastructure, laser-focused cyber security monitoring, and expert IT staff to monitor and manage complex systems. Our goal is to focus on:

- Tailoring to the client's requirements with cost-efficient solutions and services.
- Strategizing tactical project execution specific to public sector organizations.
- Flexibility and a vendor-agnostic philosophy to adapt to public sector needs and resources.
- Deep bench of security experts to address all aspects of cyber security.

Project Experience

Over the past 5 years, we have successfully completed assessment, solutions and penetration testing for public organizations similar to you. Many of our clients have partnered with us before – we feel repeat business is the greatest testament to our commitment to customer service and client satisfaction. The following qualifications are our most recent engagements relevant to your scope of work.

Success Stories

"What I liked most about working with AYYO TECH staff is their creative approach in providing solutions to each project. The County has implemented AYYO TECH's recommendations..."

For more than five years, Ayyo Tech has delivered cutting-edge AI security and automation solutions to public-sector organizations - empowering IT teams and administrators, fortifying critical systems, and ultimately safeguarding the communities they serve.

Rhode Island Airport Corporation

Assessment and Penetration Testing Services

David Spalding Jr – CIO – Chief Information Officer
Donald Stubbs – IT Manager
2000 Post Road
Warwick, RI 02886
(972) 973-5478 | Dstubbs@pvdairport.com
Relevant Scope of Services: Ayyo Tech delivered a comprehensive Intelligent AI cybersecurity risk assessments that covered both enterprise networks and connected operational systems such as physical security controls, industrial lighting, recording infrastructure, and logistics or baggage-handling platforms. Our service included a NIST CSF maturity assessment with gap analysis, detailed vulnerability identification, and a mitigation plan featuring a prioritized roadmap to strengthen the organization's overall security posture.

Los Angeles Unified School District (LAUSD)

ITD Cybersecurity Assessment (NIST CSF)

Joel Simangan - CISO - Chief Information Security Officer
333 South Beaudry Ave.
Los Angeles, CA 90017
joel.simangan@lausd.net
Relevant Scope of Services: In 2025, Ayyo Tech was engaged by the Los Angeles Unified School District (LAUSD) to conduct a comprehensive Large Language Model (LLM) Risk Assessment and AI Red-Team exercise across the district's emerging generative-AI deployments. The engagement evaluated model governance and data-handling practices against the NIST AI Risk-Management Framework and OWASP LLM Top 10, identified prompt-injection and data-leakage attack vectors through adversarial testing, and delivered a five-year roadmap of policy updates, guard-rail configurations, and phased mitigation actions to elevate LAUSD's AI security posture.

Cypress-Fairbanks Independent School District

NIST Assessment and Policy/Procedure Review

Becky Cook
10300 Jones Road
Houston, Texas 77065
(281) 897-3804 | becky.cook@cfisd.net
Relevant Scope of Services: AYYO TECH partnered with CFISD to perform a one-time Penetration Test of the current state IT Framework. In addition, AYYO TECH delivered executive reporting that included their current gaps and remediation recommendations.

Project Team Qualifications

The success of every engagement is built on the foundation of the project team's qualifications and the project management structure.

As your selected team of experienced, trusted advisors, AYYO TECH applies technological precision with practical real-world experience deploying end-to-end solutions to solve your biggest challenges. We are partners in helping our clients achieve their vision with the reward of creating a lasting positive impact on communities. For each project, one of our most important decisions is: **Who will lead our team?** We select project leaders who have direct experience working on technology engagements like yours, then the project leader selects the team. Should additional resources be required throughout the course of providing services, or should the project schedule be accelerated, AYYO TECH can draw from the resources of our entire team to help meet your needs.

Professional Resumes

Tools Expertise

- WebInspect, AppScan, Nikto, Paros, Qualys
- Burp Suite, OWASP Zap, Nessus, Metasploit, Nmap, Nexpose
- OllyDBG, IDA-Pro
- Wi-Fi Pineapple, Kali Linux
- JD-GUI, dnSpy
- Rapid7, InsightVM, WhiteHat, Fortify

Education

- Bachelor of Science, Computer Science

Certifications

- Information Systems Security Professional (CISSP)
- Certified Ethical Hacker (C|EH)
- GIAC Penetration Tester (GPEN)

KJ Morrison
Network Security Engineer

KJ Morrison is a seasoned Network Security Engineer with over 18 years of IT experience and a deep expertise in modern software security. Holding certifications such as CISSP, C|EH, GPEN, and CISM, KJ has demonstrated proficiency in vulnerability management, risk mitigation, and network exploitation techniques. He has completed hundreds of assessments and penetration testing engagements, showcasing his skills with tools like WebInspect, Burp Suite, Nessus, and Metasploit. His extensive knowledge of OWASP Top Ten and experience in cloud engineering with Python and Node.js further highlights his technical acumen.

Throughout his career, KJ has held key positions at organizations such as Optum, BB&T Bank, and Symantec Security Consulting Services. His project highlights include conducting web application and kiosk vulnerability assessments, performing source code reviews, and executing PCI-DSS network IT controls audits. KJ is also adept at scope projects using STRIDE threat modeling and authoring application penetration process and procedure documents. His ability to perform software reverse engineering and POS device penetration tests underscores his comprehensive understanding of network security and his dedication to protecting information systems.

Selected Project Highlights

- Web Application, Thin Client, Kiosk Vulnerability Assessments
- Scope Projects using STRIDE Threat Modeling
- Application Architecture Security Flaw Reviews
- Source Code Reviews
- Authored Application Penetration Process and Procedure Documents
- Software Reverse Engineering
- PCI-DSS Network IT Controls Audits
- POS Device Penetration Tests

- Certified Information Security Manager (CISM)

Work Experience

AYYO TECH , Founder

Optum, Inc., Principal Security Engineer

Optum, Inc., Senior Security Engineer

BB&T Bank, Senior Security Consultant

BT INS, Senior Security Consultant

Secure Works Professional Services, Professional Services Consultant

Symantec Security Consulting Services, Senior Security Consultant

AT&T Internet Investigations and Security Services, Network Security Engineer