

Capability statement

Development, security, and strategy engineering for California state agencies and federal partners.

SB-Micro · #2052003
● SAM UEI PENDING
ISSUED MAY 26, 2026

-
- CALIFORNIA SMALL BUSINESS – MICRO · #2052003
 - LLC ACTIVE – MANTECA, CA
 - EVAQ – REQUIRED FORMS IN REVIEW
 - FEDERAL: SAM IN PROGRESS · 8(A) ELIGIBLE
-

CORE COMPETENCIES

Development

- Production engineering for security-sensitive applications and SDKs — design, build, ship, harden
- Web applications and SaaS platforms — front-end, back-end, API design, and multi-tenant architecture
- Native mobile and desktop applications — iOS, Android, macOS — and SDKs that ship to other engineering teams
- Database design and performance, cryptographic libraries, FFI bridges, and internal tooling for engineering and security workflows

Security

- Source-code audits, threat modeling, and attack-surface analysis across application and systems codebases
- Mobile security depth — anti-tamper, runtime integrity, reverse-engineering protection, secure enclave, certificate pinning, NDK/JNI hardening, WhiteBox cryptography
- Binary analysis, decompilation, and obfuscation-bypass research across ARM64 and x86-64 targets
- Standards-aligned assessments — OWASP MASVS / MASTG, NIST baselines, DoD and DHS evaluation criteria; secure-by-design review gates and auditor-ready documentation

Strategy

- Technical due diligence and architecture review for state IT modernization and federal technology programs
- Procurement, vendor-risk, and build-vs-buy advisory for engineering and security programs
- Roadmap and capability planning — security strategy, modernization, cross-platform initiatives
- Engagement structuring — California SB Option direct-buy, prime subcontract (T&M), direct contract (FFP)

DELIVERY CAPABILITIES – PRINCIPAL-ARCHITECTED, EXPERT-DELIVERED

The principal sets the architecture and the security-grade quality bar; vetted specialists deliver under it. No offshore hand-offs.

Cloud

- Cloud architecture and delivery across AWS, Azure, and GCP — landing zones, infrastructure-as-code, CI/CD, containerized and serverless workloads
- Cloud security engineering — IAM, network segmentation, secrets management, posture hardening to NIST 800-53 and FedRAMP-aligned baselines
- Migration and modernization, with security and cost review at each gate

Test, QA & IV&V

- Independent verification and validation (IV&V) for state IT and federal programs
- Test engineering at scale — automated functional, regression, API, and end-to-end suites in CI
- Performance, load, and resilience testing; accessibility and Section 508 / WCAG conformance testing

Applied AI & agentic

- LLM integration and retrieval pipelines for document-heavy government workflows
- Agentic systems — task orchestration, tool use, human-in-the-loop review
- AI assurance — evaluation harnesses, red-teaming, and security review of model-backed features

DIFFERENTIATORS

Security-grade rigor

Every line of development and strategy work goes through the threat-modeling and audit hygiene that shipped in federal-grade mobile — applied as a quality bar, not as a vertical.

Principal-level only

Every engagement is principal-led with 15+ years of engineering expertise. Engagement-scoped teaming as required, no hand-off.

California-first

SB-Micro #2052003. Set up to engage CA agencies under SB Option direct-buy. Federal partners served as a secondary channel.

HOW TO CONTRACT WITH US

01

California SB Option — direct buy

California agencies can award directly to certified Small Businesses for engagements under \$250,000. SB-Micro #2052003 makes this path available today.

02

California IT-MSA pool

Eligibility in progress. Once seated, Argen will be pre-vetted across Development, Security, and Strategy categories for state IT task orders.

03

Federal subcontract or direct

Available via prime subcontract today (T&M, FFP). SAM and 8(a) registrations in progress; 8(a) set-aside eligible once certified.

PAST PERFORMANCE

Founder track record — engagements completed prior to founding Argen Systems. Specific client names available to qualified primes under NDA.

ENGAGEMENT	ROLE	PILLAR	PLATFORM	SCOPE
National Security Tech Platform	Principal Engineer	Security	iOS · Android · macOS	Cross-platform security SDK, anti-tamper, process integrity
Global Payments Network	Senior Android Engineer	Security	Android	Tokenization service SDK, NFC/HCE, JNI bridge, WhiteBox crypto
Fortune 500 Payments Platform	Lead Android Engineer	Development	Android	Mobile POS security SDK, point-to-point encryption, EMV

NAICS CODES

541512 – COMPUTER SYSTEMS DESIGN (PRIMARY)

541511 – CUSTOM COMPUTER PROGRAMMING

541513 – COMPUTER FACILITIES MANAGEMENT

541519 – OTHER COMPUTER RELATED SERVICES

541690 – SCIENTIFIC & TECHNICAL CONSULTING

541330 – ENGINEERING SERVICES

518210 – DATA PROCESSING & HOSTING

POINT OF CONTACT

Alejandro Ramírez Argüello

Founder & principal engineer

alex@argen-systems.com · [\(650\) 667-0119](tel:(650)667-0119) · argen-systems.com