



DRAUGEL ENGINEERING, LLC

CAPABILITY STATEMENT

Veteran-Owned Software Architecture & Engineering | Charleston, South Carolina

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ABOUT US

Draugel Engineering, LLC is a veteran-owned software architecture and engineering firm in Charleston, South Carolina. Founded in 2026 by a principal engineer with a Top Secret clearance and prior federal delivery experience at Booz Allen Hamilton, the firm designs and builds cloud-native platforms and production AI systems for federal and commercial clients. We are a senior-only team: the architect who designs the system is the engineer who delivers it.

CORE COMPETENCIES

Systems Architecture & Technical Leadership. Greenfield platform design, service topology, event- and message-driven architecture, API design, and legacy modernization. Architect of record on multiple production platforms.

AI / LLM Systems Engineering. Multi-provider LLM gateways, retrieval and structured-output pipelines, agentic and tool-use workflows, prompt and evaluation infrastructure. Proven delivery of AI from pilot to deployed production capability.

Cloud, DevOps & Infrastructure. Microsoft Azure, AWS, and Cloudflare. Containerized workloads, infrastructure-as-code, CI/CD, distributed messaging, resilience engineering, and OpenTelemetry-based observability.

Full-Stack Software Development. Web, mobile, and API development across the modern stack. Schema-driven UI systems, SaaS platform delivery, and greenfield product engineering.

Data Engineering. Relational and NoSQL data platforms. Schema design, ETL, analytical pipelines, and quantitative data systems.

Embedded & IoT. Microcontroller and embedded firmware development, device integration, and connected-device telemetry and control.

PAST PERFORMANCE

NIC MAP Vision – Principal Full Stack Engineer / Platform Architect. Architected two greenfield SaaS platforms. Designed and led a production multi-provider LLM gateway (.NET 10, Azure Service Bus, MassTransit, Redis, adaptive rate governance) deployed across three environments. Built a schema-driven UI system and supporting Azure infrastructure. Managed engineers.

Noble House / Noble*Direct – Consulting Client, current. Software and AI integration engagement for a healthcare DME billing platform.

Booz Allen Hamilton – Software Engineer / R&D – cleared. Multiple federal engagements including 4CodeLabs R&D, GSA/Folio, and IT Collect. Held an active Top Secret clearance throughout.

Blackbaud / Michelin – Software Engineer. Enterprise SaaS platform development; industrial systems and internal platform tooling.

DIFFERENTIATORS

- **Reinstatement-eligible Top Secret clearance.** A sponsoring prime can place us on contract without waiting out a new investigation cycle - typically 200+ days for a TS.
- **Service-disabled veteran-owned.** Subcontract dollars count toward prime small-business and SDVOSB subcontracting goals against a 5% federal statutory target.
- **Architect-led, senior-only team.** No junior bench to carry, and no hand-off between the people who scope the work and the people who build it.
- **Local to Charleston.** On-site availability at NIWC Atlantic and Joint Base Charleston at no travel cost.
- **Current, hands-on AI production experience** - the capability most federal programs are hiring for and few small firms can actually staff.

TECHNICAL ENVIRONMENT

Languages: C#, Python, Java, TypeScript, JavaScript, C, C++, SQL • **Frameworks:** .NET / ASP.NET Core, Angular, React, Node.js, FastAPI • **Cloud:** Microsoft Azure (Container Apps, Service Bus, Functions, Key Vault), AWS, Cloudflare • **AI / ML:** OpenAI, Anthropic, Google Gemini / Vertex AI, Azure OpenAI, RAG, vector search, structured outputs, agentic workflows • **Data:** SQL Server, PostgreSQL, MongoDB, Redis, Cosmos DB • **Messaging & Infrastructure:** Azure Service Bus, MassTransit, RabbitMQ, Docker, Kubernetes, Terraform / Bicep • **DevOps:** Azure DevOps, GitHub Actions, CI/CD, OpenTelemetry • **Embedded:** C/C++ firmware, microcontrollers, IoT device integration

CORPORATE DATA

Legal Name: Draugel Engineering, LLC
Entity Type: Limited Liability Company (Domestic)
State / Year of Incorporation: South Carolina, 2026
UEI: [PENDING]
CAGE: [PENDING]
SAM.gov: Registration in process

NAICS: 541511, 541512, 541519, 541715
Socio-Economic: Veteran-Owned Small Business; SDVOSB – SBA VetCert in process
Clearance: Top Secret, reinstatement eligible (principal)
Contract Vehicles: None held; available as subcontractor or teaming partner
Location: Charleston, South Carolina