



CoExcel Solutions | SourceBoard®

Generative AI & Orchestration Developer

Build the AI-Powered Future of Defense Procurement

📍 Endicott, NY

📅 Full-Time, In Office

🚀 Primary Platform: SourceBoard®

THE MISSION

CoExcel Solutions is a woman-owned small business at the intersection of defense procurement, AI, and supply chain intelligence. We don't just talk about the AI-powered future — we're building it, right now, in Endicott, NY.

SourceBoard® is our flagship platform: an AI-powered source-to-pay intelligence engine purpose-built for the Defense Industrial Base. This is where contracts get awarded, suppliers get discovered, and partnerships happen — all through an AI-first lens.

We're looking for a Generative AI & Orchestration Developer to join us as a core technical builder. If you're energized by working at the bleeding edge of AI-driven development — orchestrating agents, connecting models to real-world workflows, and turning raw AI output into polished production systems — this is the role for you.

⚡ This is NOT your average developer job.

This is not a "vibe coding" role where you prompt an AI and ship whatever it spits out. You'll understand the code, the architecture, the agents, and the orchestration layer — and you'll take full ownership of turning AI-generated output into reliable, production-grade software that operates in defense and government environments.

WHAT YOU'LL DO

- ▶ **Serve as a primary developer for SourceBoard® — our AI-powered procurement and sourcing platform for the Defense Industrial Base**



- ▶ Design and manage agentic AI workflows that complete structured, real-world tasks end-to-end
- ▶ Orchestrate multi-model, multi-agent, multi-API systems that actually ship
- ▶ Turn AI-generated code and workflows into clean, tested, maintainable production systems — no cowboy code
- ▶ Build internal tools, dashboards, automations, and client-facing applications across the full stack
- ▶ Own the full pipeline: front-end → APIs → databases → authentication → deployment
- ▶ Support prompt engineering, tool routing, agent task planning, and AI output validation
- ▶ Deploy and manage applications across Vercel, Netlify, AWS, and Azure — including future GovCloud environments
- ▶ Work with Supabase, Neon, Firebase, and Clerk for back-end and auth infrastructure
- ▶ Help architect systems built for security, scale, and government-regulated workloads

WHAT WE'RE BUILDING WITH

AI Development & Orchestration Tools:

Claude Code	OpenAI Codex	Cursor
MCP-Based Workflows	AI Coding Agents	Multi-Tool AI Systems
Prompt Orchestration	API-Connected AI	Agentic Debugging

Core AI Competencies You'll Work With:

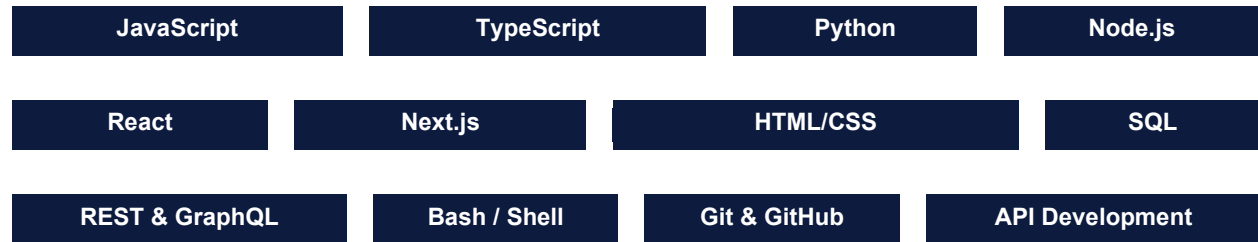
- ▶ Generative AI & agentic AI architecture
- ▶ AI orchestration across models, agents, and APIs
- ▶ Prompt engineering and workflow design
- ▶ Retrieval-Augmented Generation (RAG) concepts
- ▶ Multi-agent workflows and tool calling
- ▶ Human-in-the-loop review and AI output validation
- ▶ AI safety, security, and production reliability

YOUR TECHNICAL TOOLKIT

You don't need to be an expert in every tool below — but you need to know how they fit together and how to move fast inside AI-assisted development environments.



Languages & Frameworks:



Platforms & Infrastructure:



WHAT YOU'LL ACTUALLY BUILD

Your primary mission is SourceBoard® — a platform handling procurement, sourcing, bid opportunities, and supplier workflows for defense contractors. Beyond that, you'll touch:

- ▶ AI workflow orchestration systems and automation engines
- ▶ Client portals, data dashboards, and proposal tracking tools
- ▶ Government contracting support and compliance tooling
- ▶ Supplier and buyer workflow platforms
- ▶ Internal business intelligence apps and operations tools

YOU'RE THE ONE IF...

- ▶ **You understand generative AI, agentic AI, and orchestration — not just as buzzwords, but as real engineering disciplines**
- ▶ You can use AI tools to build complete applications, not just generate isolated code snippets
- ▶ You can move fast without sacrificing structure, security, or long-term maintainability
- ▶ You know how to evaluate, clean up, and harden AI-generated code before it touches production
- ▶ You're comfortable connecting tools, models, APIs, databases, and workflows into unified systems
- ▶ You're organized, detail-oriented, and thrive with ownership — not just task lists



- ▶ Defense, procurement, government contracting, or secure cloud environments genuinely interest you
- ▶ You want to grow into a key technical role at an AI company doing something that matters

PREFERRED EXPERIENCE

- ▶ Building SaaS platforms, marketplaces, dashboards, portals, or business tools
- ▶ Using generative AI tools — agents, orchestrators, coding assistants — for real software development
- ▶ Cloud deployment and database-connected application architecture
- ▶ Authentication, role-based access, subscriptions, payments, and user portals
- ▶ Secure development practices and regulated or government-facing environments
- ▶ Procurement, sourcing, supplier management, or B2B software (a major plus)

REQUIREMENTS

- ▶ Full-time availability, in office in Endicott, NY
- ▶ Strong understanding of modern web application development
- ▶ Hands-on familiarity with generative AI, agentic AI, and AI orchestration concepts
- ▶ Ability to work with AI coding tools responsibly — not just recklessly
- ▶ Strong communication, documentation, and problem-solving habits
- ▶ Comfort operating across multiple platforms, tools, and evolving requirements
- ▶ M.S. in Computer Science or related degree field

Compensation

Range: \$79,158 - \$125,000 / year

Compensation is competitive and based on experience, technical ability, and fit. We're building something significant — and we reward the people who build it with us.

HOW TO APPLY

Ready to build the AI-powered future of defense procurement? Here's what to send to Careers@CoExcel-Solutions.com



- ▶ Your resume
- ▶ A link to your GitHub, portfolio, or examples of tools, automations, or AI-related projects you've shipped
- ▶ A brief note about your experience with AI-assisted development, full-stack applications, or cloud-based tools (not required, but it helps)
- ▶ Your best 'Why you' brief summary.

We're not just looking for skills — we're looking for someone who wants to be here, build something real, and grow with us.

CoExcel Solutions | SourceBoard®
Woman-Owned Small Business | NYS-MWBE Certified | Defense Supply Chain Intelligence