



Principal AI Engineer

- ✓ Remote
- ✓ Full time
- ✓ Contractor
- ✓ Time zone EST
- ✓ Payment in US Dollar

About Us

We build proprietary technology products that help organizations analyze, manage, and extract insights from complex, large-scale data.

We're looking for a Principal AI Engineer to help shape how AI is built into our products, combining deep hands-on AI/ML expertise with strong engineering and product thinking.

About the Role

Sits at the intersection of software engineering, AI/ML, and platform architecture. This is a hands-on position — writing production code, architecting AI services, building internal tooling, and mentoring engineers — measured by outcomes that outlast your direct involvement, not by process ownership.

What You'll Do

- Design and build the AI productization patterns the team uses to ship AI/ML features —service patterns, evaluation approaches, production-readiness bar
- Build reusable internal tooling: AI service scaffolding, evaluation/monitoring tooling, data infrastructure — built for team adoption, not hand-holding
- Define baseline AI agent governance (permissions, execution controls, human-in-the-loop) as the team scales its AI usage
- Champion AI-assisted development practices day to day — this is a “build with AI,” not “write policy about AI,” role
- Establish deployment patterns (containerization, IaC, CI/CD) reusable across the team's products
- Mentor engineers, with visible improvement in delivery consistency and design quality as the marker of success

Required

- 10+ years in software engineering / data science, with substantial recent hands-on AI/ML work
- Deep Python ecosystem expertise; experience deploying models to production cloud infrastructure



- Demonstrated experience building multi-tenant AI services and LLM integrations in production
- Track record on microservices architecture — decomposing monoliths, defining service contracts, owning CI/CD for distributed systems
- Hands-on with Docker, Terraform, and modern DevOps practice
- Working knowledge of AI/LLM security fundamentals (prompt injection, data boundary enforcement)
- Strong written/verbal English

Preferred

- AI/ML applied in consulting, advisory, or professional-services contexts
- Go or TypeScript proficiency
- OSS contributions or active technical-community involvement
- Experience with SOC2/ISO-aligned compliance frameworks (a plus, not central to this hire)