



<https://ancoreinc.com/job/ai-engineer-1/>

AI Engineer 1

Description

The AI Engineer 1 supports the design, development, and governance of Artificial Intelligence (AI) and Machine Learning (ML) architectures supporting enterprise modernization initiatives. This role contributes to AI architecture development, model governance, data pipeline engineering, and agentic AI capabilities while ensuring alignment with enterprise architecture standards and governance requirements.

Responsibilities

- Support the design and implementation of AI/ML architectures and cloud-based data pipelines.
- Develop AI model governance frameworks, monitoring processes, and lifecycle management capabilities.
- Design and implement agentic AI architectures, including multi-agent orchestration frameworks and autonomous workflow solutions.
- Develop retrieval-augmented generation (RAG) architectures and vector database integrations.
- Support explainability, bias detection, model performance monitoring, and drift management activities.
- Collaborate with enterprise architects and engineering teams to integrate AI technologies into enterprise platforms.
- Support architecture governance reviews and technical assessments.
- Document AI architecture designs, standards, and implementation guidance.

Qualifications

- Active Top Secret (TS) security clearance with SCI eligibility.
- Bachelor's degree in Computer Science, Engineering, Data Science, or related field, Master preferred
- 3+ years of experience supporting AI/ML engineering or solution development.
- Experience with cloud platforms such as AWS, Azure, or Google Cloud.
- Experience with Python, machine learning frameworks, and API development.
- Understanding of AI governance, model lifecycle management, and data architecture concepts.
- Must be DOW 8140 certified
- Ability to obtain and maintain required Top Secret government security clearance.

Nice to Have

- Master's degree in Computer Science, Engineering, Information Technology, or related discipline.
- Experience supporting DoD or Intelligence Community environments.
- AWS or Azure AI/ML specialty certification

Hiring organization

Ancore Inc

Employment Type

Full-time, Contractor

Duration of employment

1 Year

Job Location

Herndon, VA, USA

Working Hours

9AM to 5PM

Date posted

October 15, 2026

Valid through

30.11.2026

- Experience with large language models (LLMs), RAG, and vector databases.
- Knowledge of MLOps tools and AI observability platforms.
- Familiarity with NIST AI Risk Management Framework and DoD AI guidance.

Job Benefits

We offer more than just a job; we offer a community

At Ancore, we provide exceptional benefits, including competitive Paid Time Off, comprehensive Medical, Dental, and Vision Insurance, and a robust 401(k) plan. But we don't stop there.

We invest in your potential:

Every member receives a dedicated stipend to pursue professional development be it certifications, a master's degree, or even a doctorate. We encourage growth through flexible learning options, whether you're taking a course, earning a certification, or attending a conference. Curiosity is celebrated here, and continuous learning is a cornerstone of our culture.

We work hard and make time for joy:

Ancore, fun isn't an afterthought. From virtual and in-person events like happy hours, holiday parties, and wellness challenges to annual celebrations and charity galas, we believe in fostering connection, creativity, and community spirit.

Diversity is our strength:

As an Affirmative Action/Equal Opportunity employer, Ancore makes all employment decisions based on merit, qualifications, and business needs never on personal attributes or backgrounds. Everyone deserves a workplace where they feel valued and respected.

Access for all:

We are committed to inclusion and provide reasonable accommodations to ensure all qualified individuals with disabilities can thrive in their roles.