



AI Engineer

Remote + Travel

Who we are:

Altagrove delivers smart and innovative technology solutions that create competitive advantages for our customers and their missions. Our focus areas include Space, Connectivity, Cyber, Cloud, Analytics, and Research & Development. As we continue to grow, Altagrove is actively recruiting for an AI Engineer to join our energetic and entrepreneurial team supporting advanced technology initiatives across government, defense, and commercial environments. A successful candidate will bring hands-on software development, cloud, data, and AI/LLM integration experience, with a passion for secure mission-focused solutions.

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What you will do:

- Design, develop, integrate, and sustain AI-enabled applications, LLM/RAG solutions, semantic search, and AI-assisted workflows using approved models and platforms.
- Develop cloud-native software services, APIs, microservices, and data pipelines for structured and unstructured data sources.
- Integrate AI capabilities with enterprise systems, databases, document repositories, ticketing platforms, workflow tools, and legacy applications.
- Configure embeddings, vector stores, metadata filtering, source attribution, citations, and retrieval evaluation methods.
- Support agentic AI workflows with human-in-the-loop controls, bounded tool use, audit logging, exception handling, and rollback mechanisms.
- Deploy containerized applications using Docker, Linux, CI/CD pipelines, and DevSecOps-compatible workflows.
- Implement AI security controls, access management, logging, monitoring, and least-privilege operating practices.
- Support model, prompt, and system testing, including evaluation, benchmarking, latency, cost, performance analysis, MLOps/LLMOps, release management, and sustainment.
- Develop technical documentation, architecture diagrams, implementation plans, user guides, runbooks, and training materials.
- Collaborate with technical teams and customer stakeholders to deliver mission-focused AI solutions and support demonstrations, proposals, and emerging technology research.

What you will bring:

- Experience developing software using Python, JavaScript/TypeScript, Java, C#, or similar languages.
- Experience building or integrating AI/ML, generative AI, LLM, RAG, workflow automation, or data-driven applications.
- Familiarity with prompt engineering, embeddings, vector databases, semantic search, model evaluation, and knowledge grounding.



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- Knowledge of cloud platforms such as AWS, Azure, or Google Cloud, plus Docker, Linux, source control, CI/CD, and modern development workflows.
- Experience designing APIs, services, data pipelines, and integrations with databases, enterprise systems, and third-party applications.
- Understanding of data engineering, ETL/ELT, data quality, metadata, lineage, governance, and security best practices including IAM, RBAC, encryption, logging, and least privilege.
- Familiarity with Responsible AI, human-in-the-loop workflows, model explainability, AI guardrails, MLOps/LLMOps, monitoring, observability, release management, or platform sustainment preferred.
- Ability to troubleshoot complex technical issues, quickly learn new AI/cloud/data tools, and communicate technical concepts to technical and non-technical audiences.
- Experience supporting government, DoD, defense, or regulated enterprise environments preferred.
- Bachelor's degree in Computer Science, Software Engineering, IT, Data Science, Systems Engineering, or related field; experience may be considered in lieu of education.
- Relevant cloud, AI, software, data, or cybersecurity certifications preferred.
- Active security clearance preferred; ability to obtain and maintain a clearance required.
- Ability to travel CONUS and OCONUS as required to support customer engagements, deployments, training, and mission execution activities.

What we offer:

At Altagrove, we believe our employees are our most valuable asset, and we treat benefits as an important part of an employment relationship. The Altagrove benefits package includes:

- 10 Paid Holidays.
- Paid Vacation/PTO.
- Medical/Dental/Vision coverage.
- Life Insurance and Disability coverage.
- Annual Bonus Plan.