STELLA Automotive AI

Software Engineer

Description

STELLA Automotive AI is growing, and we're looking for a Software Engineer who's excited to build the next generation of conversational AI products for the automotive industry. If you thrive in fast-moving environments, enjoy solving complex technical challenges, and want to work with a global, mission-driven team, we'd love to meet you.

Key Responsibilities

- Design, develop, and maintain Conversational AI solutions and supporting services.
- Implement scalable, efficient, and reliable features across our AI-driven product stack
- Be part of a cross-functional team to deliver end-to-end solutions.
- Write clean, maintainable, and testable code in C# (.NET).
- Ensure system reliability, scalability, and performance in production.
- Participate in code reviews, design discussions, and contribute to best practices in engineering.
- End-to-end ownership of LLM development: fine-tuning, prompt optimization, evaluation, and deployment into production systems.
- Build and maintain evaluation pipelines to measure LLM performance (accuracy, hallucination rate, conversation quality, latency).

Requirements

- Bachelor's degree (or higher) in Computer Science or equivalent technical education with excellent grades from a reputable institution.
- Strong foundations in computing mathematics and algorithms.
- 0-3 years of professional experience in software engineering.
- Proficiency in at C# (.NET).

Nice to Have

- Experience in Kubernetes
- Experience in Terraform
- Experience implementing solutions using **Large Language Models (LLMs)**.
- Experience working with **vector databases** or retrieval-augmented generation (RAG).
- Ability to design and maintain **training/inference pipelines** (data prep, tokenization, ONNX/optimized runtimes).
- Familiarity with **AI/ML**, **Natural Language Understanding (NLU)**, and/or **Automatic Speech Recognition (ASR)**.
- Hands-on experience with **Azure Cloud** services.
- Experience with **Kubernetes** for container orchestration.
- Knowledge of **Infrastructure as Code** (Terraform or equivalent).
- Understanding of **evaluation metrics for conversational AI** (intent accuracy, coherence, latency, fallback handling).

Work Location Requirement

Hiring organization
STELLA Automotive AI

Job Location
Remote work from: Eastern and Central USA

To support real-time collaboration with our core engineering and product teams, this role is open **only to candidates located in the U.S. Eastern or Central time zones**.

Why STELLA

- Mission-driven company transforming how automotive retailers engage with customers
- Fast-growing team with opportunities for career development
- Collaborative, supportive culture that values innovation and continuous learning
- Remote-first environment with teammates across the U.S., Europe, and Asia
- Competitive salary and performance based incentives
- Generous PTO to support work life balance
- 401(k)
- Flexible, remote first work environment
- Comprehensive health benefits

How to Apply

If this sounds like the right fit, we'd love to hear from you. Please submit your resume and a brief note about your interest in joining STELLA Automotive AI by visiting stellaautomotive.com, navigating to Company > Careers, and applying directly through our Careers page.