Senior Software Engineer – Gen AI

**Location:** Pune

# Job Description

Senior Software Engineer – Gen AI

Pune

About the role:

As a Senior Software Engineer – Generative AI, you will play a critical role in designing, developing, and deploying AI-powered applications. You will work across the stack, integrating advanced generative models (LLMs) and cloud infrastructure into full-scale web and mobile solutions. You’ll collaborate with cross-functional teams and help drive innovation through hands-on coding, architectural input, and engineering best practices.

What You’ll Do:

Build and Deploy: Design and develop robust full-stack applications using Python (backend) and modern frontend frameworks (React, Angular, etc.).

Generative AI Development: Apply LLMs and other generative models (e.g., GPT-3/4, transformers) to build scalable, intelligent systems.

Architect Solutions: Contribute to the architectural design of AI-powered products that are scalable, maintainable, and cloud-native.

Mentor and Collaborate: Support junior developers through mentorship while closely collaborating with product managers, data scientists, and designers.

Cloud Engineering: Deploy, monitor, and optimize applications and models using cloud services (AWS, GCP, or Azure).

Maintain High Standards: Uphold coding best practices, conduct peer reviews, and write clean, well-documented code.

Continuous Innovation: Stay abreast of developments in full-stack engineering, generative AI, and cloud platforms to integrate emerging technologies into projects.

On your first day, we'll expect you to have:

Bachelor’s or Master’s degree in Computer Science, Engineering, or related field.

4–7 years of hands-on experience in full-stack software development with a strong focus on Python-based backends.

Experience building and integrating generative AI models (e.g., GPT-3, GPT-4, transformers, RAG pipelines).

Proficiency in web frameworks such as Django, Flask, or FastAPI.

Solid experience with frontend frameworks like React, Angular, or Vue.js.

Strong understanding of cloud platforms (AWS, GCP, or Azure) and deploying scalable applications.

Demonstrated ability to work autonomously and in collaborative, agile teams.

Experience mentoring junior engineers or leading small project teams is a plus.

Benefits:

At Calfus, we value our employees and offer a strong benefits package. This includes medical, group, and parental insurance, coupled with gratuity and provident fund options. Further, we support employee wellness and provide birthday leave as a valued benefit.

Calfus is an Equal Opportunity Employer.

We believe diversity drives innovation. We’re committed to creating an inclusive workplace where everyone—regardless of background, identity, or experience—has the opportunity to thrive. We welcome all applicants!