

Roles and Responsibilities:

We are looking for a Hands-on Python Engineering Lead who will play a pivotal role in the architecture, design, and implementation of our software solutions. The ideal candidate will have a deep understanding of engineering principles, the ability to write complex and efficient code, and a strong aptitude for solving business problems through technology.

Key Responsibilities:

- Lead the architecture, design, and development of scalable and robust software solutions using Python.
- Your main responsibility will be collaborating closely with clients to prototype, build, test, and deploy products powered by GenAI/LLM technology on a large scale.
- you will play a key role in fine-tuning the hyperparameters of LLM models, optimizing their configuration to ensure the overall model performance and enhance the overall model performance to drive positive outcomes for clients.
- you will be responsible for developing and optimizing AI models and algorithms to generate high-quality prompts for natural language processing (NLP) applications.
- Collaborate with cross-functional teams to gather requirements and translate business needs into technical solutions.
- Write high-quality, maintainable, and efficient code, and perform code reviews to ensure coding standards are met.
- Provide technical leadership and mentorship to a team of engineers, fostering a culture of continuous learning and improvement.
- Identify and resolve technical challenges, ensuring the performance, scalability, and security of applications.
- Participate in the entire software development lifecycle, from concept and design to testing and deployment.
- Develop and maintain comprehensive documentation for code, architecture, and system design.
- Stay current with emerging technologies and best practices to drive innovation within the team.

Skills Required:

- Experience in AI/ML technologies and prompt engineering, at least 3+ years of hands-on experience with Python, 2+ years of experience with Shell scripting, 1+ years of experience building and maintaining scalable API solution
- 2+ years of professional experience with NLP, 1+years of professional experience with Large Language Models (LLM)/GenAI technology like OpenAI API, ChatGPT, GPT-4, Bard, Synthesia, Langchain, HuggingFace Transformers, PyTorch and similar, 1+ years of experience with prompt engineering, 1+ years of experience with vector database
- Experience with microservices architecture and containerization technologies (e.g., Docker, Kubernetes).
- Familiarity with front-end technologies (e.g., JavaScript, React, Angular) and their integration with back-end services.

- Knowledge of data engineering and experience with big data technologies.
- Experience with cloud platforms (e.g., AWS, Google Cloud, Azure) and modern infrastructure.
- Proficiency with version control systems (e.g., Git) and CI/CD pipelines.

Required Qualifications:

- Bachelor's or master's degree in computer science, Engineering, or a related field.
- Extensive experience as a software engineer with a strong focus on Python development.
- Proven expertise in software architecture and design principles.
- Strong understanding of engineering concepts, data structures, algorithms, and design patterns.
- Ability to write complex and optimized code, with a focus on performance and scalability.
- Excellent problem-solving skills and the ability to address complex business challenges through technology.
- Strong communication skills, with the ability to articulate technical concepts to non-technical stakeholders.
- Demonstrated leadership skills and experience mentoring junior engineers.