

SE Python JD

- Architect, design, and implement high-performance backend services and APIs.
- Lead the development of scalable and maintainable Python-based applications.
- Collaborate with frontend teams, DevOps, and stakeholders to ensure seamless integration of backend services.
- Integrate **vector databases** (e.g., **Pinecone**, **Weaviate**, **FAISS**) for optimized data retrieval and similarity search in AI/ML applications
- Work with **large language models (LLMs)** like GPT, BERT, or custom-trained models to build AI-powered solutions, including chatbots and intelligent search engines.
- Experience working with frontend technologies like HTML, CSS and Javascript
- Drive best coding practices, including unit testing, code reviews, and continuous integration.
- Monitor application performance, troubleshoot issues, and optimize for scalability and security.
- Work closely with project managers to define scope, timelines, and deliverables.

Required Skills:

1. Excellent problem-solving and communication skills.
2. Experience in project acquisition processes, including developing technical proposals and assisting in sales efforts.
3. Strong expertise in **Python** and frameworks like **Django**, **Flask**, or **FastAPI**.
4. Experience working with **vector databases** like **Pinecone**, **Weaviate**, **FAISS**, or similar technologies for AI-driven applications.
5. Proficiency in integrating and working with **large language models (LLMs)**, including experience in fine-tuning and deploying them.
6. Knowledge of **SQL** databases (e.g., PostgreSQL, MySQL) and **NoSQL** databases (e.g., MongoDB, Redis).
7. Hands-on experience with **RESTful API** development and third-party integrations.
8. Strong knowledge of cloud platforms (AWS) is a plus.
9. Expertise in containerization using **Docker**.
10. Experience with **CI/CD pipelines**, automated testing, and continuous deployment.
11. Proficiency in **Git** and version control best practices.