

**AI ENGINEER****ID:20260616****Job Location: Pune/Bangalore**

IZiel Healthcare is an Engineering & Regulatory service provider working with global medical device manufacturers. We partner with customers to support all aspects of the medical device Product Development Life Cycle.

Employees are the key to success in our organization. We value our engineers and their skills in furthering the cause of helping lives. Strong leadership, a robust work planning methodology, and exceptional customer service are the key enablers of our success.

**POSITION DESCRIPTION**

Design and build intelligent systems and AI-driven agents by leveraging strong data engineering and AI development expertise. The AI Engineer will be responsible for developing secure, compliant, and high-performing AI solutions that integrate seamlessly with enterprise applications and developer ecosystems.

This role involves end-to-end ownership of AI application development, including model integration, deployment, monitoring, and performance optimization. The candidate will also contribute to building scalable full-stack solutions and robust ML Ops pipelines for real-time AI usage within controlled environments.

**POSITION RESPONSIBILITIES**

- Design, develop, and deploy AI-driven agents for identified business use cases.
- Develop and implement AI solutions using LLM frameworks and advanced prompt engineering techniques.
- Explore and enable deployment and serving of LLMs in local and cloud environments.
- Integrate AI agents with enterprise applications and development tools (e.g., IDEs).
- Implement observability, versioning, monitoring, and auditing mechanisms for AI model usage.
- Optimize AI models for performance, latency, scalability, and real-time applications.
- Design and build ML Ops pipelines, data pipelines, storage systems, and APIs for model training and inference.
- Integrate enterprise data sources securely within the AI ecosystem.
- Develop high-quality, maintainable, and well-documented code using Python, TypeScript, or similar technologies.
- Build full-stack applications including front-end UI, backend services, and database integration.
- Collaborate with cross-functional teams to deliver scalable and efficient AI solutions.
- Ensure security, compliance, and governance standards are adhered to for AI systems.

**DESIRED / PREFERRED QUALIFICATIONS**

- 3–5 years of professional experience in software development or AI engineering.
- Experience with AI tools and frameworks such as GitHub Copilot, Pydantic, LangChain, LlamaIndex, RAG pipelines, or similar.
- Exposure to containerization and orchestration tools such as Docker and Kubernetes, including deployment of AI/ML workloads.
- Experience in developing AI applications on cloud platforms (AWS, Azure, GCP, etc.).
- Strong backend development experience using Python, FastAPI, or similar technologies.
- Experience with frontend frameworks such as React.js.
- Hands-on experience with databases such as PostgreSQL, MongoDB, or similar.
- Ability to design and develop full-stack applications, including database schema design.
- Strong problem-solving skills and ability to work effectively in a fast-paced environment.
- Good communication, collaboration, and documentation skills.