Jubilee
INSURANCE

Job Ref. No.   **JLIL392**

Position: **AI ENGINEER II (SOLUTIONS ENGINEER)**

Jubilee Insurance was established in August 1937, as the first locally incorporated Insurance Company based in Mombasa. Jubilee Insurance has spread its sphere of influence throughout the region to become the largest Composite insurer in East Africa, handling Life, Pensions, General and Medical Insurance. Today, Jubilee is the number one insurer in East Africa with over 450,000 clients. Jubilee Insurance has a network of offices in Kenya, Uganda, Tanzania, Burundi. It is the only ISO certified insurance group listed 2on the three East Africa stock exchanges – The Nairobi Securities Exchange (NSE), Dar es Salaam Stock Exchange and Uganda Securities Exchange. Its regional offices are highly rated on leadership, quality and risk management and have been awarded an AA- in Kenya and Uganda, and an A+ in Tanzania. For more information, visit www.JubileeInsurance.com.

We currently have an exciting career opportunity for an **AI Engineer II (SOLUTIONS ENGINEER)** within **Jubilee Life Insurance Limited.** The position holder will report to the **Head of Data** and will be based at our Main Office.

Role Purpose

The AI Engineer II (Solutions Engineer) is a senior-level technical role responsible for leading the design, development, and deployment of AI-powered solutions that address business challenges and enhance Jubilee's digital platforms. This role combines deep machine learning expertise with strong fullstack engineering capabilities to deliver end-to-end AI features, integrate AI models into production systems, and ensure business-aligned outcomes. The incumbent provides technical leadership, mentors junior engineers, and makes strategic architectural decisions to ensure scalable, reliable, and high-impact AI solutions.

Main Responsibilities
Strategy

1. Lead technical decision-making on AI solution design, including model selection (LLMs, fine-tuning, RAG) and system integration approaches.

2. Provide input into AI product roadmaps, ensuring alignment between AI capabilities and business priorities.

3. Evaluate emerging AI technologies and frameworks to recommend innovative, feasible, and high-value solutions.

4. Drive rapid prototyping and experimentation to validate solution approaches before production deployment.

Operational

1. Design, develop, and deploy end-to-end AI features across backend and frontend systems.

2. Integrate AI models into digital platforms, including APIs, backend services, and user interfaces.

3. Develop and implement LLM-based solutions including prompt engineering, fine-tuning, and RAG architectures.

4. Build and maintain robust ML pipelines covering data ingestion, model training, evaluation, deployment, and monitoring.

5. Optimize AI solutions for performance, scalability, and responsiveness in production environments.

6. Collaborate with cross-functional teams to ensure seamless adoption of AI features into existing products.

Corporate Governance

1. Establish and enforce engineering best practices, code quality standards, and MLOps workflows for AI solutions.

2. Conduct code and architectural reviews to ensure reliability, maintainability, and scalability of AI systems.

3. Maintain comprehensive documentation, including architecture diagrams, API specifications, and deployment guides.

4. Identify technical risks, dependencies, and potential bottlenecks, escalating or resolving proactively.

People and Culture

1. Mentor and provide guidance to junior and mid-level engineers, fostering their technical and professional growth.

2. Facilitate knowledge sharing through documentation, presentations, and workshops.

3. Promote a culture of collaboration, innovation, and continuous learning across AI and product teams.

4. Demonstrate ownership of complex AI features from conception to production, ensuring business impact.

Key Competencies

1. Proven ability to lead complex AI projects and deliver end-to-end solutions.
2. Strategic thinking to align AI capabilities with business objectives.
3. Strong technical judgment in selecting models, architectures, and deployment approaches.
4. Effective stakeholder management across engineering, product, and business teams.
5. High degree of ownership, accountability, and proactive problem-solving.

6. Ability to mentor junior engineers and establish engineering best practices.

Academic Qualifications and Relevant Experience

1. Bachelor's degree in Computer Science, Software Engineering, AI, Machine Learning, or related field (required).
2. Master's degree or Ph.D. in Machine Learning, Artificial Intelligence, Computer Science, or related field (strongly preferred)
3. Relevant AI/ML, cloud, or fullstack certifications are a plus.
4. 4–7 years in AI/ML engineering or software engineering roles, with at least 2 years in a senior or lead capacity.
5. Proven track record delivering production AI solutions end-to-end.
6. Experience leading cross-functional technical projects and mentoring engineers.
7. Hands-on experience with LLM-based solutions and modern AI frameworks.
8. Background in integrating AI into customer-facing or operational products.
9. Experience in agile, product-driven environments with iterative delivery cycles.

If you are qualified and seeking an exciting new challenge, please apply via recruitment@jubileekenya.com quoting the Job Reference Number and Position by 11th March 2026.
Only shortlisted candidates will be contacted.