**AI Architect**

**About Us:**

Our client is a rapidly expanding, innovative startup focused on pushing the boundaries of AI technologies in the Retail industry, especially in Conversational AI. They are passionate about building cutting-edge products and solving real-world problems with AI. Join us to shape the future of AI development in a dynamic, fast-paced environment!

**Position Overview:**

We are seeking an AI Architect to lead the design, testing, and implementation of AI systems within our startup. This role is central to our success as we build conversational AI applications that deliver groundbreaking user experiences. You will be responsible for developing the strategy for AI models, leading the architecture and development of test cases, troubleshooting issues, and future-proofing our AI systems.

**Key Responsibilities:**

* **Architect AI Systems:** Design scalable, efficient AI architectures, focusing on conversational AI platforms.
* **Develop Test Cases:** Build comprehensive test cases to ensure the effectiveness, accuracy, and reliability of AI models.
* **Model Evaluation:** Lead the testing of different AI/ML models, challenging assumptions, and identifying potential issues before they impact production.
* **AI Strategy Development:** Collaborate with leadership to shape the long-term AI strategy, selecting the most suitable models and technologies for future development.
* **Model Selection:** Decide on model architectures, algorithms, and tools for development, ensuring the solutions align with the company’s goals.
* **End-to-End AI Development:** Work closely with data scientists, ML engineers, and software teams to take AI models from research to deployment.
* **Testing & Troubleshooting:** Implement rigorous testing protocols and validation processes to ensure AI models meet required performance metrics and address edge cases.
* **Model Performance Optimization:** Continuously optimize models for scalability, performance, and accuracy in real-world environments.
* **Stay Current:** Research and implement the latest advancements in AI and machine learning, ensuring we maintain a competitive edge.
* **Collaboration:** Work cross-functionally with product teams, engineers, and business stakeholders to understand requirements and deliver AI-driven solutions.

**Qualifications:**

* 5+ years of experience in AI/ML development, with a focus on conversational AI.
* Hands-on experience with building, training, and testing AI/ML models (deep learning, NLP, speech recognition, etc.).
* Expertise in architecting and implementing AI systems, especially for voice/text-based conversational systems.
* Strong understanding of AI lifecycle, from data collection to model deployment and monitoring.
* Proficiency in Python, TensorFlow, PyTorch, or other machine learning frameworks.
* Experience with cloud platforms (AWS, GCP, Azure) for AI/ML workloads.
* Strong knowledge of AI testing methodologies, including model validation and debugging.
* Ability to troubleshoot complex AI model issues and optimize performance.
* Visionary thinking, with an eye on future trends and how to leverage them.

**Preferred Qualifications:**

* Bachelor’s or Master’s degree in Computer Science, Data Science, AI, Machine Learning, or a related field.
* Experience working in a startup environment or with rapidly scaling teams.
* Familiarity with MLOps best practices and tools for continuous integration and deployment of AI models.
* Strong leadership and communication skills with the ability to explain complex concepts to non-technical stakeholders.

**Why Join Us?**

* Opportunity to work at the cutting edge of AI technology.
* Collaborative and innovative team culture.
* High impact role with autonomy and visibility.

If you’re passionate about AI and want to make a lasting impact in a fast-growing company, we want to hear from you!