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Artificial Intelligence Architect - NLP/Python

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Company: SKEP IT SYSTEMS

Location: United Kingdom

Category: computer-and-mathematical

<p><u>Job Title : AI Architect</u>

Experience Range : 07 - 14 Years

Location: Start from India Hybrid, In office Oxford, UK (Candidates later need to relocate to Oxford)

<u>Note: We are seeking candidates willing to relocate to the UK.</u>

Job Summary :

We are looking for a hands-on AI Architect to join our AI Tech Team. The ideal candidate will lead the design and development of AI solutions within the Cloud frameworks, with a primary focus on the Google Cloud Platform (GCP). This role is pivotal in our mission to deliver cutting-edge AI solutions that bring significant benefits to the scientific community.

Key Responsibilities :

- Lead the design, development, and implementation of AI solutions in the GCP Cloud environment (AWS experience is advantageous).

- Spearhead AI problem framing, exploratory data analysis, data preprocessing, model training and tuning, and model serving.

- Prototype AI solutions and oversee their development.

- Design and implement MLOps processes.

- Develop AI model serving solutions and oversee their implementation.

- Contribute to key projects, such as manuscript analysis, editor recommendation systems, publication recommendation, and quality checks, among others.

- Utilize advanced NLP technologies, open-source LLMs (e.g., BERT, Llama), and cloud-native AI technologies for text and topic learning.

- Work with a diverse tech stack, including Cloud-native AI, NLP, Python programming, TensorFlow, TFX, Kubeflow, PyTorch, Scikit-learn, BERT, AI embedding techniques, model tuning techniques, model validation techniques, feature engineering technologies, and data engineering.

- Mentor junior developers.

Qualifications :

- 10+ years of hands-on experience in building AI/ML solutions.

- Proven experience in AI development and cloud-native AI solutions in GCP Cloud (AWS experience is a plus).

- Proficiency in ML practice and MLOps.

- Proficiency in TensorFlow, TFX, Kubeflow, PyTorch, Scikit-learn, BERT, LLMs, etc.

- Proficiency in Topic Modelling, NLP, and open-source LLMs.

- Experience in rapid prototyping and presenting AI solution design.

- Experience in creating AI explanations.

- Experience in turning research and concepts into business products.

- Ability to work collaboratively in a dynamic team environment.

- Understanding of modern software engineering best practices.

- General architecture of Cloud infrastructure is a plus.

- Bachelor's degree in computer science, Information Technology, or related field. Advanced or professional certifications in Cloud are advantageous.

What We Offer :

- A challenging and rewarding role in a leading scientific organization.

- Opportunity to work on groundbreaking AI projects with a global impact.

- Competitive compensation.

- A supportive environment fostering growth and development.</p> (ref:hirist.tech)

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