

PUBLIC ANNOUNCEMENT:

Senior Artificial Intelligence-Solutions Developer of SustAInLivWork Centre of Excellence (CoE)

Job Title	Project expert performing as Senior Artificial Intelligence (further – AI) Solutions Developer
Location	SustAInLivWork Centre of Excellence (CoE) (Artificial Intelligence Centre of Excellence at Kaunas University of Technology (KTU)), Kaunas, Lithuania. The role requires a physical presence at KTU, with some remote working options.
Reports to	Project expert performing as Head of the AI Research HUB of SustAInLivWork Centre of Excellence (CoE)
Type of Contract	Project-based contract, full-time employment (40 hours/week)
Remuneration package	31,08 Eur per Hour, depending on education level, competencies, and professional experience. Gross income (in Lithuanian, BRUTO) is the amount of salary or wages paid to an individual by an employer before any deductions are taken.
Application Start Date	February 13, 2026
Application Deadline	March 13, 2026
Start Date	As mutually agreed

The SustAInLivWork Centre of Excellence is seeking a highly skilled **Project expert performing as Senior AI Solutions Developer** to join the AI Research HUB. The **Project expert performing as Senior AI Solutions Developer** will contribute to AI systems development, implementation and cross-disciplinary collaborations in areas such as healthy living, transport, green energy, and advanced manufacturing. The role requires strong hands-on technical skills in modern AI, including deep learning, LLMs, Agentic AI, and Generative AI.

Main Duties and Responsibilities

The Project Expert performing as Senior AI Solutions Developer will:

- Develop and implement advanced AI models, including deep neural networks, transformers, LLM-based systems, Generative AI, RAG, and AI agents.
- Design and develop scalable data pipelines and frameworks to support LLM training and deployment.

- Leverage Microsoft CoPilot Studio and generative AI tools to build and integrate custom AI copilots and conversational agents.
- Develop, fine-tune, and evaluate LLM-based chatbots and domain-specific AI assistants.
- Document AI system designs, experiments, code, and processes for reproducibility, transparency, and knowledge sharing across the team.

Requirements for the Candidate

Applicants should meet the following requirements:

Technical Skills:

1. Strong software engineering and ML development skills, with over 5 years of professional experience in Python, C#, and Java, and extensive hands-on work with state-of-the-art machine learning frameworks (PyTorch, TensorFlow, JAX, Hugging Face Transformers).
2. Demonstrated expertise in designing and deploying machine learning, GenAI, or LLM-based solutions.
3. Practical experience building AI agents, including agentic workflows, autonomous decision-making pipelines, and tool-augmented agents.
4. Hands-on experience with Retrieval-Augmented Generation (RAG), vector databases (FAISS, Milvus, Pinecone) and embeddings.
5. Excellent understanding of deep learning, optimization, training pipelines, evaluation metrics, and validation strategies.
6. Experience with multimodal AI (CV, NLP, tabular, sensor or IoT data).
7. Familiarity with MLOps, versioning tools, reproducibility practices, and deployment (Docker, Git, APIs).
8. Understanding of federated learning, distributed learning, TinyML, or edge inference is a strong advantage.

General Requirements

1. Hold at least a Master's degree in computer science, AI, data science, engineering, or a related field.
2. Strong analytical, problem-solving, and critical thinking skills.
3. Proficiency in English (C1); Lithuanian language proficiency (B2–C1).

Benefits

- Opportunities for professional development and continuing education.
- Flexible working hours.
- Social guarantees (vacation, sick leave, and parental leave) and additional social benefits.
- Access to state-of-the-art research facilities and resources.
- Opportunities for networking and collaboration with leading experts in AI and sustainability.
- Additional motivational incentives in accordance with the University's applicable remuneration policy.

- Full access to funded qualification courses and professional certifications, as well as opportunities to participate in long-term international training programs, research visits, and mobility schemes at leading universities, AI institutes, and innovation centres abroad.

Method of Applications' Submission and Closing Date for Applications

- Please submit all the required documents via KTU Career website <https://karjera.ktu.edu/en-GB> or by email cv@ktu.lt.
- Applications must be submitted by **March 13** (inclusive), 2026.
- The contact person who will provide information about the open contest procedure Recruitment Project Manager Sandra Stanevičė, e-mail cv@ktu.lt.

The list of documents that each Applicant must submit:

- Curriculum Vitae (CV) clearly outlining how the applicant meets the position requirements.
- Copy of diploma(s) certifying higher education.
- Copy of PhD diploma (if applicable).
- Any other supporting documents the applicant considers relevant.

Equal Opportunity Statement: The Employer does not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, or disability status.