Senior Engineer AI / ML / Data for SCT RAE AI (TM)

Your tasks

In the central **Research & Advanced Engineering** organization, we are looking for a **Senior Engineer** with a robust background either in **AI/Machine Learning or Data Engineering** to join our innovation global team. This role involves technically leading the development and implementation of AI&Data-driven software solutions that are crucial for our business strategies and technical transformations into an AI empowered company.

As a Senior Engineer focusing on AI/ML or Data Engineering, you will:

- Lead the development, and deployment of machine learning models or data-driven solutions;
- Formulate Statement-of-Work / Workpackages to be done by other colleagues or teams and be able to coordinate this;
- Collaborate with interdisciplinary teams to understand business needs and develop technical solutions;
- Implement state-of-the-art ML algorithms, adapting and improving them according to project requirements;
- Perform extensive data analysis and model validation to ensure the efficacy and accuracy of solutions;
- Maintain and enhance existing AI frameworks and libraries to keep them at the cutting edge;
- Engage in continuous learning to keep abreast of industry trends and technology advancements;
- Mentor junior developers, contribute to team knowledge sharing, and collaborate with cross-functional teams to achieve project goals;
- Ensure the delivery of high-quality, robust, and scalable AI-driven applications.

A mentor will support you to stepwise take over responsibility after an initial training phase that will familiarize you with our products, tools, processes, and organization.

Job ID
REF49928A

Field of work
Research and Development

Location
Timişoara

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
Continental Automotive Romania SRL

Your profile

You would be a perfect match for our team if you have:

- Advanced degree (MSc or PhD) in Computer Science, Informatics, Mathematics, or a related engineering field;
- At least 8 years of professional experience in Software, AI or Data related fields
- At least 4 years experience in AI/ML Engineering or Data Engineering;
- Excellent knowledge of Python;
- Good knowledge of computer science and general software engineering principles;
- Great understanding of data-driven research and development;
- Ability to work hands-on independent from external guidance;
- Ability to formulate Statement-of-Work / Workpackages to be done by

other teams and be able to coordinate this;

- Excellent problem-solving skills and understanding of software engineering principles;
- Strong communication skills and proficiency in English, both spoken and written.
- Demonstrated ability to learn and be creative, with a strong sense of independence and teamwork.
- Experience in an agile development environment;
- Experience in writing technical and user documentation;
- Experience with version control systems like git and project management tools like JIRA;
- Knowledge of DevOps tools and methodologies, e.g., Docker, Kubernetes.

Additionally, for AI/ML Engineering

- Solid background and self-driven interest in machine learning, and deep learning, familiarity with recent advances of state-of-the-art;
- Knowledge in optimizing and fine-tuning deep neural networks;
- Demonstrated experience in applying Machine Learning methods for real-world value creation;
- Familiarity with GPU-accelerated libraries (e.g., PyTorch, TensorFlow, Keras 3)

Or additionally for Data Engineering

- Project-based practical experience of working with Amazon Web Services (AWS) technologies;
- Practical experience based on previous projects with continuous integration, continuous deployment, and test automation in architectures, e.g., Jenkins, GitHub Actions;
- Project-based hands-on experience with container and DevOps technologies;
- Experience with data analytics tools such as Power BI or Tableau;
- Good Experience with SQL, NoSQL;
- Knowledge of Hadoop, Spark, Spark Streaming, Presto, Hive, Crontab, Airflow.

Our offer

What we offer:

Pay for Performance:

- Achievement Bonuses and Rewards;
- Relocation Bonus for non-Timisoara Residents;
- Recommendation Bonuses for new team members;
- Flexibility Program including flexible hours, mobile work and sabbaticals.

Wellbeing:

- Health & Wellness (Private Health Insurance, Life Insurance, Sport activities etc.);
- Different discounts (glasses, tires, medical, shopping);
- In-house restaurant & coffee corners.

Life-Long Learning:

- Technical, Soft Skills & Leadership trainings;
- Dedicated Programs and Conferences;
- Free Language Courses (English, German, French etc);
- Access to e-learning platforms;
- Career development opportunities (local and international);
- Internal development communities (Experts, Agile Community of Practice, Artificial Intelligence etc).

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2023, Continental generated sales of €41.4 billion and currently employs around 200,000 people in 56 countries and markets.