Senior Engineer with AI/ML Engineering or Data Engineering (Iasi)

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;
- Create Workpackages/tasks that need to be completed by other colleagues or teams and effectively coordinate their implementation;
- 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.

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;

Job ID
REF57350T

Field of work
Research and Development

Location
Iaşi

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
Continental Automotive Romania SRL

- 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

Benefits:

- The 13-th salary – Paid once a year, in December.
- Meal tickets - With a value of 35 Ron.
- Flexible working time;
- Cross-Border Mobile Work in the EU according to internal regulations.
- Relocation Package for non-Iasi Residents.
- Referral bonuses - We encourage colleagues to refer new candidates to us and, at the same time, to get the chance to receive a bonus.
- Private Health Insurance – Health is the most important, so we offer you private medical insurance which offers a wide range of medical services.
- Discounts at our partners – We collaborate with different vendors, and we receive discounts for various products/ services like rubbers, restaurants, kindergartens etc.

- Tires discount - Purchase best Continental tires at a special price.
- System for Rewarding Improvement Ideas – We have an internal improvement program (Continental Idea Management) that gives you the opportunity to come with ideas and to be honored with an attractive bonus (this is established by the CIM team according to your improvement idea).
- Happy days – If you or your child is getting married, or you become a parent, you receive some extra free days.
- Life events celebration - If your family is growing, we praise your newborn with a bonus.
- Unfortunate events - In case of unhappy events in your life, we support you by offering you free days and financial support (handled on a case-by-case basis).
- Expect to start your days of annual vacation days from a minimum of 22 days with extending the period proportional to the length of work within Continental.
- Sabbatical year - Take up to one year off and come back on the same position, according to our internal policies.
- Professional development - Many opportunities to develop yourself within the company.
- Diversity and multicultural mindset - We encourage you to join us no matter who, where, what you are. We have colleagues from different nations and a variety of languages are spoken in our company.
- In-house restaurant & coffee corner.

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 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.