

(Senior) Machine Learning Operations Engineer (m/f/d) - REF97172N

Your tasks

Join Continental's Digital Solutions Department as an MLOps Engineer

In Digital Solutions, we drive innovation for connected mobility and deliver cutting-edge digital products to our global fleet customers. As an MLOps Engineer, you will be at the forefront of transforming machine learning into scalable, production-ready solutions.

You will design, deploy, and maintain **robust ML pipelines**, ensuring seamless integration of models into production environments and optimizing their performance at scale. Working closely with **Data Scientists, Data Engineers, and cross-functional teams**, you will enable AI-driven insights that power smarter, safer, and more efficient mobility worldwide.

This position is intended to be filled on a full-time basis. However, applications for part-time employment will be considered in accordance with business needs.

Main responsibilities:

- Design and manage CI/CD pipelines for ML models from development to production
- Build and maintain scalable ML infrastructure on cloud platforms using infrastructure-as-code
- Automate deployment, monitoring, and rollback processes for reliability and reproducibility
- Implement monitoring and feedback loops for model performance and continuous improvement
- Collaborate with data scientists and engineers to integrate ML models and standardize workflows
- Provide technical leadership and mentorship, fostering knowledge sharing and best practices

Your profile

- Academic degree in Computer Science, IT, Engineering, Mathematics, or related field
- Several years of professional experience as a MLOps Engineer
- Strong programming skills in Python and SQL
- Expertise in CI/CD and automation tools (e.g., GitHub Actions)
- Proficiency in containerization and orchestration (Docker, Kubernetes)
- Hands-on experience with ML model deployment and lifecycle management (MLflow, SageMaker)
- Good knowledge of cloud platforms (AWS or Azure) and infrastructure-as-code practices



Job ID
REF97172N

Field of work
Research and Development

Location
Hanover

Leadership level
Leading Self

Job flexibility
Hybrid Job

Contact
Philipp Meinen

Legal Entity
Continental Reifen Deutschland GmbH

- Familiarity with monitoring and performance tracking tools (Grafana) and workflow orchestration (Airflow)
- Solid understanding of software engineering and DevOps practices (testing, GitOps, CI/CD design patterns)
- Experience with Agile project management methods (Scrum, Kanban)
- Proficient English language skills (written and spoken)
- Experience working in an international team (desirable)

Applications from severely handicapped people are welcome.

Our offer

- **Attractive compensation:** We reward exceptional qualifications and experience with an above-tariff salary, with the option of an above-tariff salary
- **Flexibility that fits your life:** Whether mobile working, part-time models, flexible working hours, or sabbaticals – together we find a working model that suits your individual needs.
- **Time off that truly matters:** Enjoy 30 days of paid vacation per year.
- **Secure your future:** With our company pension plan, we already invest today in your financial security of tomorrow.
- **Career with perspective:** We actively support you in shaping your career through individual trainings, access to learning platforms such as LinkedIn Learning, and a wide range of development opportunities.
- **Borderless opportunities:** As an EU citizen, you can work remote from other EU countries for up to 40 days per year – offering greater freedom and international flexibility.
- **Exclusive employee benefits:** Take advantage of attractive discounts and a wide range of employee benefits.
- **Stay fit – nationwide:** With our comprehensive range of health and wellness initiatives, you stay active – wherever you are in Germany.
- **Sustainable mobility:** Use our “JobRad” bike leasing program and secure your preferred bicycle at attractive conditions – for more fitness, climate protection, and enjoyment on your daily commute.
- **A family-friendly culture:** We support you with various offers that help balance work and family life, such as on-site childcare places and free emergency childcare services.
- **Support when it matters most:** The Fürstenberg Institute provides you with a confidential external point of contact for professional advice and support in both personal and professional matters.
- **A work environment that embraces diversity:** Look forward to working in a diverse and international environment through collaboration with our global locations.

For more information about the employee benefits you can expect at Continental, please visit our [benefits page](#). If you would like to learn more about our location, feel free to visit our site page: [Continental Hannover Stöcken](#) / [Hannover Corporate Headquarters](#).

[Diversity, Inclusion & Belonging](#) are important to us and make our company strong and successful. We offer equal opportunities to everyone – regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

If this sounds like a perfect match for you and if you want to become the

next supporter of our core values: **Trust, for one another, passion to win and freedom to act** - we are looking forward to receiving your application.

#LI-Hybrid

#LI-TS1

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

About us

Continental is a leading tire manufacturer and industry specialist. Founded in 1871, the company generated sales of €19.7 billion in 2025 and currently employs around 76,000 people in 54 countries and markets.

Tire solutions from the **Tires group sector** make mobility safer, smarter, and more sustainable. Its premium portfolio encompasses car, truck, bus, two-wheel, and specialty tires as well as smart solutions and services for fleets and tire retailers. Continental has been delivering top performance for more than 150 years and is one of the world's largest tire manufacturers. In fiscal 2025, the Tires group sector generated sales of 13.8 billion euros. Continental's tire division currently employs around 53,000 people worldwide and has 19 production and 16 development sites.