



Full Stack Machine Learning Engineer (Time Series Forecasting)

Location: Remote or Paris

Job Type: Full-Time

Company overview: At Alki, we're leveraging cutting edge AI technologies to transform logistics warehouses and drive innovation. Our mission is to bridge the gap between Amazon and other logistics players. We are looking for a skilled full stack ML engineer with a strong focus on time series forecasting to industrialize and streamline our machine learning operations (MLOps) capabilities from R&D to production.

Responsibilities:

- Design & build robust data pipelines specifically tailored for time series data, ensuring efficient data ingestion, pre-processing & exploration to support ML models
- Design, implement, and optimize sophisticated time series forecasting algorithms
- Translate advanced statistical and machine learning models from R&D into scalable production solutions
- Manage the deployment of machine learning systems, including setting up continuous integration and delivery pipelines (CI/CD) for automated model training and deployment
- Monitor and maintain operational ML models (thousands), quickly identifying and addressing performance degradation or shifts in model accuracy/data
- Create the playground to leverage and automate R&D experiments in order to validate new models to push them in pre-production and in production
- Doing our PoCs for time series forecasting – meaning retrieve data from our customers, integrate them into the system, doing experiments and provides results



- Collaborate with cross-functional teams, including CTO, software engineer, UX/UI designer to ensure models effectively address business needs and enhance decision-making
- Stay abreast of the latest developments in machine learning, artificial intelligence, and related technologies to continuously improve our MLOps practices and time series models

Requirements:

- Master's/PhD degree in Computer Science, Applied Maths, Statistics, or a related field
- Strong experience with a proven track record of deploying ML models to production
- Strong understanding of the challenges associated with deploying, monitoring, and maintaining thousands of ML models in a production environment
- Strong experience with AutoML, HPO, NAS
- Proficient in Python, including extensive experience with ML libraries such as TensorFlow or PyTorch, and statistical modeling tools
- Knowledge of AWS cloud services related to machine learning and data processing, including Amazon S3, EC2, RDS, Lambda, and SageMaker
- Familiarity with data orchestration tools
- Experience in building and maintaining CI/CD pipelines for automated model deployment
- Excellent analytical and problem-solving abilities, with a strong collaborative mindset
- Experience in time series analysis and forecasting

Benefits:

- Strong opportunities for professional development and career advancement
- Flexible working hours and remote work options
- Dynamic and innovative work environment

If you are interested please send us an email at leopold@alki.io