

GrwNxt Job Description- ML Systems Engineer

Job Summary:

We are an AI-based startup in Amsterdam seeking a skilled ML Systems Engineer to join our team. The role is for people who are motivated to apply their knowledge to the emerging innovative domain of AI-driven production of fresh food. The position is **part-time** (2-3 days per week) and combines systems integration, cloud infrastructure, and data engineering to drive insights in food components in plants. Communication and collaboration with the plant physiology and business teams will be required to ensure alignment in tasks.

Key Responsibilities:

- Design and maintain scalable cloud architecture in Azure
- Assist in building and maintaining data pipelines for internal use
- Build and maintain data collection and processing architectures from greenhouse hardware
- Develop and maintain model deployment infrastructure and support integration with climate computers
- Build and maintain Azure IoT Hub, Stream Analytics, and SQL Databases for incoming sensor and camera data
- Design, implement, and maintain testing, validation, monitoring, and security frameworks to ensure system reliability and data integrity
- Communicate insights and technical aspects of the system to non-technical teams

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Requirements:

- Bachelor's degree or higher in Computer Science, Data Science, Artificial Intelligence, Mathematics, or another relevant field. Since the position is part-time, it can be combined with a Master's education.
- Proficiency in Azure (IoT Hub, Stream Analytics, Databases, Hyperparameter Optimisation)
- Proficiency in SQL
- Strong programming skills in Python with experience in backend development or systems-oriented development, experience with Java/C++ is a plus
- Familiarity with Docker and virtual environments
- Experience with REST APIs
- Understanding of ML workflows and model deployment basics
- Experience with version control (Git)
- Availability to work from our offices in Amsterdam (not hybrid)
- Applicants that are located in Amsterdam or the surrounding areas will be prioritised
- Applicants must be eligible to work in the Netherlands

Important Qualifications:

- Ability to work independently and in an interdisciplinary team
- Problem-solving skills and attention to detail
- Communication skills and cooperative attitude
- Previous experience with plant science or life science is a plus

How to Apply:

Interested candidates should submit their resume and motivation to info@grwnxt.com

Please include “ML Systems Engineer” in the subject line.

