



THIN[**GK**]ATHON®

23.06. - 25.06.2026

**DISTRIBUTED AI FOR
PREDICTIVE MAINTENANCE**



CERTIFICATE

PARTICIPATION IN **THIN[**GK**]ATHON®**
23. - 25. JUN 2026

FOR **Vitalii Popov**

At the "Thin[gk]athon Distributed AI for Predictive Maintenance" organized by **Smart Systems Hub**, **Infineon Technologies** and **ZEISS Digital Innovation**, participants worked on an industrial test environment and developed prototype solutions for AI-based fault detection and predictive maintenance.

Based on a real conveyor test line at Infineon, teams built edge-to-cloud AI pipelines using sensor data from transport containers to detect fault states, visualize machine conditions and derive maintenance insights.

Technologies from the AWS and CNCF ecosystem, edge computing, machine learning and GenAI-supported prototyping were used for hands-on implementation.

The results were presented and discussed in focused pitches among an expert jury.



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