THESIS SUPERVISOR'S REPORT

I. IDENTIFICATION DATA

Thesis title:	**Cloud-Native and Microservice Application Development**
Author's name:	**Bělka Přemek**
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	DEPARTMENT OF COMPUTER SCIENCE
Thesis reviewer:	Martin Komárek
Reviewer's department:	DEPARTMENT OF COMPUTER SCIENCE

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging

The scope and complexity of the thesis assignment presented a significant challenge. The student had to delve into the intricacies of microservices and event-driven architecture, both requiring nuanced approaches. They had to create a new service and integrate a payment gateway, all while adhering to the principles of cloud-native development. This task demanded a deep understanding of the subject matter, strong technical skills, and the ability to apply theoretical knowledge to real-world problems.

Fulfilment of assignment	fulfilled

The student went above and beyond the requirements of the assignment.

Activity and independence when creating final thesis	A - excellent.

Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.

The author demonstrated exceptional initiative and self-reliance throughout the thesis process, consistently exceeding expectations.

Technical level	A - excellent.

Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?

The student demonstrated a remarkable aptitude for tackling complex problems.

Formal level and language level, scope of thesis	A - excellent.

Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?

Selection of sources, citation correctness	A - excellent.

III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Student displayed remarkable initiative and self-reliance throughout the thesis development process, consistently working independently and exceeding expectations. Furthermore, the thesis itself is technically sound, with clear explanations of the implemented solutions. The formal aspects, including organization, presentation, and language usage, are also of excellent quality.

The grade that I award for the thesis is **A - excellent.**

Date: **12.6.2024**   Signature: