

## **Abstract**

Digital technologies have revolutionized the museum field by opening up new possibilities for engaging a wide audience and providing museum professionals with innovative ways to fulfill their work mission. Collection management systems have facilitated the cataloging of collections and made them accessible to researchers and the general public. Nowadays, museum professionals are expected to possess adequate digital competencies to carry out their regular duties, interact with the public, and perform specialized tasks.

The COVID-19 pandemic has accelerated the digital transformation in museums and cultural heritage, leading to new strategies in digitization, public communication, and collection accessibility. This master's thesis analyzes the digital competencies of museum professionals in Czech institutions and investigates whether and how the development of these skills is systematically supported within their employment. The study found that museum professionals utilize information and communication technology (ICT) on a daily basis, with computers and phones being the most commonly used devices, and they consider technology to be beneficial. They exhibit the highest confidence and competencies in routine office work, information management, and security. Among museum professionals, there is a strong interest in developing skills related to virtual exhibitions and utilizing creative tools such as graphic design. The organizational structure and culture of museums play a significant role in shaping the work responsibilities of museum professionals.

## **Key words**

digital competences, digital literacy, digital technology, museum, museum professional, collections management, digital curation, digital transformation