

course completion

# CERTIFICATE

has been presented to

**Karasinski Arkadiusz**

for the completion of

**ELK: Elasticsearch, Logstash and Kibana for Administrators**

Trainer  
Piotr Żuk

Duration  
**2 Days**

date of issue:  
**2021-11-09**

e-certificate:  
<https://cert.nobleprog.com/authenticate>  
Certificate ID: 658979  
Authentication Code: 3842d