

The logo for NobleProg, featuring the company name in a blue, sans-serif font.

The World's Local Training Provider

course completion

# CERTIFICATE

has been presented to

**Jarosław Knapiński**

for the completion of

**Technical Architecture and Patterns**

Trainer  
Kamil Kielbasa

Duration  
**3 Days**

date of issue:  
**2023-08-10**

e-certificate:  
<https://cert.nobleprog.com/authenticate>  
Certificate ID: 728891  
Authentication Code: 0baf3