

THE THINGS CERTIFICATION

The Things Stack Certified

is awarded to

Arnold Kolkman

for passing the The Things Stack Certified exam with a grade of 79.2%.

Issued by	Date of issue	Credential ID
The Things Industries	**18 January 2023**	**773a2123b4bd4ec3a90c60fd22b95de1**

Verify this certificate: https://www.thethingsnetwork.org/achievements/a/the-things-stack-certified/vaasseniot/