

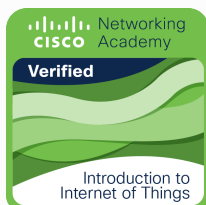
# Certificate of Course Completion

**OUTMOUNE MANAL**

*has successfully achieved student level credential for completing the Introduction to Internet of Things course.*

*The student was able to proficiently:*

- *Explain how IoT and Digital Transformation are positively impacting businesses and governments.*
- *Explain the importance of software and data for digital businesses and society.*
- *Explain the benefits of automation and artificial intelligence for digital transformation.*
- *Explain the concepts of Intent Based Networking.*
- *Explain the need for enhanced security in the digitized world.*



Scan to Verify

*Lynn Bloomer*

Lynn Bloomer  
Director, Cisco Networking Academy