



# NISCHAL GAUTAM

## CONTACTS 01

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## EDUCATION 02

2023 Autumn - Ongoing

### METROPOLIA UAS

Smart IoT Systems: Embedded IoT Devices

EXPERIENCE	03	SKILLS	04
2025 - Ongoing <b>Smart JumpRope</b>		EMBEDDED DEVICES C & C++ IoT SYSTEMS ROBOT FRAMEWORK SOLDERING	PYTHON JAVASCRIPT DEPLOYMENT TEST AUTOMATION QML
09.2025 / 10.2025 <b>Green House Controller</b>			
		RTOS coding and system design Cloud connection Local user interface and OOP	LANGUAGES
06.2025 / 07.2025 <b>RoboGarage, Metropolia</b>			English Native Finnish Native Nepali Native Hindi Basic Communication
08.2025 / 9.2024 <b>Health Assistant, Hackathon</b>		• M.L. algorithm • ESP-PS4 controller integration • 3D design and soldering • A mini robot assembling and wiring	

OTHER SKILLS 07
Experience with QT systems via the QT basics and QT intermediate course. 07.2025
Deployment and international collaboration in international sensor development course. Ongoing
Data statistics & analytics, Data structure and algorithms with Python. 07.2024
Intro to Machine Learning via an intensive course in Metropilia 08.2025

