



# 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 Fluent
		• M.L. algorithm • ESP-PS4 controller integration • 3D design and soldering • A mini robot assembling and wiring	Finnish Native
08.2025 / 9.2024 <b>Health Assistant, Hackathon</b>			Nepali Native
		• Second place in Hackathon Calorie Tracker • Smart Fridge system • Recipe suggestions	Hindi Basic Communication

## 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

