

Name: Rohan Verma

 **Location:** Bengaluru, India

 **Email:** rohan.verma@email.com

 **GitHub:** github.com/rohanverma

Professional Summary

IoT and Smart City engineer with 5+ years of experience designing sensor-based infrastructure for urban mobility, traffic optimization, and intelligent lighting systems. Strong background in embedded systems and real-time data communication.

Skills

- Internet of Things (IoT)
 - Sensors & Actuators
 - Embedded Systems
 - Arduino & Raspberry Pi
 - MQTT Protocol
 - LoRaWAN
 - Smart Mobility Systems
 - Autonomous Transport
 - Networking
 - C / C++
 - Python
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Professional Experience

IoT Solutions Architect

UrbanTech Labs | 2019 – Present

- Designed IoT sensor networks for real-time traffic monitoring systems
 - Implemented smart street lighting solutions using LoRaWAN
 - Integrated autonomous transport data into urban dashboards
 - Collaborated with city authorities on smart mobility initiatives
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Projects

- **Smart Traffic Monitoring System**
Built an IoT-based traffic analysis system reducing congestion by 22%
 - **Intelligent Street Lighting**
Automated lighting using motion sensors and cloud-based control
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Education

Bachelor of Technology – Electronics & Communication
VTU | 2015 – 2019