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## 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.**

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## 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**