**SHLOK KUMAR**  
Email: talkwithshlok@gmail.com | Phone: +91-8808848047  
LinkedIn: <http://www.linkedin.com/in/shlok-kumar-b9b17b364> GitHub: [github.com/Shlokkumar18](https://github.com/Shlokkumar18)  
Location: India

**🎓 EDUCATION**

**Bachelor of Technology in Electrical and Electronics Engineering**  
Galgotias college of engineering and Technology, India  
*Expected Graduation: 2028*  
CGPA: *unknown till now*

**🔧 TECHNICAL SKILLS**

* **Programming Languages**: C (Standard & Embedded), Python
* **Embedded Systems**: 8051 Microcontroller, Keil uVision, Proteus 8
* **Simulation Tools**: Proteus , MATLAB and Simulink (learning)
* **Development Tools**: VS code , Keil micro vision
* **Other Skills**: Project planning, technical documentation, basic video/photo editing

**💡 MINI PROJECTS**

**1. Traffic Light Control System using 8051**

* Built a working simulation using timers and interrupts.
* Interfaced LEDs and buzzer in a sequence based on time intervals.
* Tools used: Keil, Proteus

**2. Border Intrusion Alert System with 7-Segment Display**.

* Detects intrusion using IR sensors, red LED buzzer alert, counter display.
* 7-segment display, timers, and interrupts.

**3. Target internships**.

* **Targeting**: Winter Internship at DRDO (Jan 2026)
* Areas of interest: Embedded Systems, Microcontroller Projects MATLAB and Simulink , Signal Processing.

**📃 CERTIFICATIONS *(Planned/In-progress)***

**MATLAB Onramp + Simulink Onramp** – Expected completion: Aug 2025

* **Embedded C & System Design (Self-paced)**

**🧠 ACADEMIC INTERESTS**

* Control Systems, Embedded Programming, Signal Processing.

**🗣 LANGUAGES**

* English – Professional Proficiency
* Hindi – Native