

VIVEK RAJ

CONTACT

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PROFILE

- Motivated and detail-oriented Mechatronics Engineering student with hands-on experience in IoT, embedded systems, and signal processing.
- Seeking an opportunity to contribute to innovative technology solutions at Lutron Electronics while expanding my practical skills and industry knowledge.

SKILLS

- Analytical Skills
- Time Management
- Communication Skills
- Research and Problem solving
- Critical Thinking
- Team Collaboration
- Technical Proficiency
- Leadership Skill



WORK EXPERIENCE

PROJECTS

- Distance Measuring Device**
 - Developed an electronic device using Ultrasonic and IR Sensor which use to calculate real time distance between two objects.
 - Tools Used: Arduino Uno , Ultrasonic Sensor
- Radar System**
 - Designed and implemented a radar system using ultrasonic sensors and microcontroller to detect object position, simulating real-time obstacle detection.
 - Tools Used: Arduino Uno , Servo Motor , Ultrasonic Sensor

TECHNICAL SKILLS

- Matlab
- Python
- Arduino
- Java
- IoT (Basic)

LANGUAGES

- Hindi
- English



EDUCATION

- | | |
|---|-----------|
| Delhi Skill And Entrepreneurship University Okhla 2 | 2022-2026 |
| B.Tech (Mechatronics) (Appearing) | |
| 8.36 CGPA | |
| Sarvodaya CoEd Senior Secondary School | 2022 |
| Class XII | |
| 77.2% | |
| Sarvodaya CoEd Senior Secondary School | 2020 |
| Class X | |
| 82.1% | |

CERTIFICATES

- Signal & System (NTPL)
- Internet of Thinks (Infosys)
- Cyber Security
- Generative AI
- SEO