**LAKSHMI RAJPUT**

Kanpur, India | (+91) 8795766651 | Lakshmi1234836[@gmail.com](mailto:sanjanasingh1719@gmail.com)

*Dynamic Electronics and Communication Engineer eager to apply technical expertise in circuit design, signal processing, and telecommunications. Dedicated to driving innovation and solving challenges within a collaborative team environment.*

**SKILLS AND ABILITY**

**Technical skills:** Electronic circuit design and Simulation (PSpice, LTspice), embedded systems, PCB Design (Eagle software), Sensors Testing and Measurement, Quality Control, Troubleshooting of Electronic Equipment.

**Soft skills:** Leadership, Problem-solving, communication, team work, critical Thinking, Time Management, Customer service.

**EDUCATION**

**Ch. Devi Lal University** **Sirsa (Haryana)**

*​​ Bachelor of Electronics and Communication Engineering August 2020 - July 2024*

* **Percentage : Pursuing** | Relevant Coursework : Analog Electronics , Digital Electronics , Control System , Network Analysis and Synthesis , Electronics Instrumentation & Measurement , Embedded System ,VLSI , Digital System Design , Introduction to Microwave Engineering and Computer Architecture and IOT.

**Board of High School Examination** **Kanpur, UP**

*​​Intermediate April 2019*

SSDS Balika Vidyalaya Inter College Kausalpuri, Kanpur

Percentage 60%

**Board of High School Examination Kanpur, UP**

*Matriculation June 2017*

SSDS Balika Vidyalaya Inter College Kausalpuri, Kanpur

Percentage 68.4%

**CERTIFICATIONS AND TRAININGS**

**Udemy Certified : 100 Days of Code :The Complete Python Pro Boot camp Online**

*Udemy July 2023*

* Proven knowledge of Installing python, Data types and operator, Tulip and list, loops and conditional statement.

**Embedded System Design Remote**

*Sssnwebsite Architects Jul 2022*

* Learn the C/C++ programming language, work with Arduino microcontroller, becomes accustomed to various types of sensors , Developed and tested embedded software for microcontroller-based systems, implemented communication protocols, and collaborated with hardware engineers to integrate components.

**PROJECTS**

Home Automation using Bluetooth module (HC-05)

AQI (Air Quality Index) meter and Fire Alert system using MQ2 sensor

Control room lights by using LDR sensor

Utilize LM35 temperature sensor to control heating ventilation and air condition