ANAJLI KASHYAP

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OBJECTIVE

To utilize academic knowledge and technical skills in a professional environment, contribute to ongoing projects, and build industry-relevant experience.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering Expected 2026
Guru Jambheshwar University of Science and Technology,Hisar,Haryana CGPA: 7.38

Higher Secondary (12th), 2021
Kendriya Vidyalaya No.1,Gaya-CBSE 91.6%

Secondary(10th), 2019
Gyan Bharti Public School,Gaya-CBSE 91%

TECHNICAL SKILLS

- **Languages:** C,Python,HTML/CSS,Javascript
- **Technologies:**Frontend Web Development
- **Developer Tools:**MPLAB IDE,PSpice,LTspice,ExpressPCB Plus Layout,ExpressSCH Plus Schematic,AutoCAD,Visual Studio
- **Design and Prototyping Tool:**Figma
- **Electronics Skills**:Solid grasp of basic electronics including Arduino UNO microcontroller,and circuit analysis. Understanding of signal processing methods and their uses. Hands-on experience with hardware development, like soldering, PCB design, and debugging.
- **Soft Skills:**Strong written and verbal communication abilities with strong problem-solving and analytical abilities.

ACADEMIC PROJECTS

- **Laser Security Alarm System**
  Experience the future of security with LaserGuard: a compact, highly responsive system that detects disruptions in laser beams, triggering instant alarms to deter intruders. Utilizes skills in LDR, Printed Circuit Board (PCB) Design, Analog Circuit Design, troubleshooting and debugging,and Electronic Circuits.

- **Design and Fabricated a PCB for Audio Control Home Automation System**
  Designed and fabricated a PCB for a Audio Control Home Automation System using Express PCB tools. Created schematic diagram and layout, followed by practical implementation using transistors, relay, and microphone to switch appliances via sound. Implemented signal amplification and bistable multivibrator logic for efficient sound-activated switching.

- **Distance Meter Using Arduino UNO**
  Built a distance measurement system using Arduino UNO, HC-SR04 ultrasonic sensor, and 16x2 LCD for real-time display.
  Programmed the system in embedded C to calculate and show distance in cm and inches using sound wave travel time.

- **Digital Thermometer using Arduino UNO**
  Developed a temperature monitoring system using Arduino and LM35 sensor to measure real-time temperature.
  Programmed threshold-based alerts on LCD display using embedded C for intuitive temperature indication.

LEADERSHIP/EXTRACURRICULAR

Team Member of Udbhavana Club

- Took responsibility for the Aptitude Vertical of the club, connected it with the UNSTOP platform, and conducted weekly aptitude tests for the university.

SIH 2024

- Participated in Smart India Hackathon 2024, developing a gamified solution to help Indian citizens learn the Constitution in an engaging and interactive way.
- Contributed as a Prototype Designer (using Figma) and Front-End Developer, focusing on user interface design and implementation of interactive components.

AICTE-Pragati Scholarship

- Awarded the AICTE Pragati Scholarship, a nationally competitive recognition granted to 5,000 meritorious female students across India pursuing technical education, based on academic excellence and socio-economic criteria.