

RAJ

Kannauj , Uttar Pradesh

+91-6387287539

21bec1177@cuchd.in

inLinkedin

Github

Summary

Ambitious Engineering Intern eager to contribute with enthusiasm and expand my skills. Dedicated to absorbing and leveraging new techniques and skills. Ready to make a positive impact on projects with a diligent pursuit of excellence

EDUCATION

Chandigarh University

B.E - Electronics and Communication Engineering - **Engineering Degree**

2021 – 2025

mohali, punjab

PROJECTS

CU library| [Html](#) , [Css](#) [↗](#)

MAY 2022

- Developed Responsive Interfaces: Created cross-browser compatible, mobile-responsive web interfaces using HTML, CSS, enhancing user engagement and accessibility.
- Utilized Git for version control to streamline facilitate collaboration, and ensure smooth deployment processes, given technical Support Assist in troubleshooting and resolving development-related issues.

Smart Sheltering [↗](#) | [IOT](#), [Smart sensors](#) , [Ultrasonic](#) , [iR sensor](#) – **Patent**

March 2024

- ShelterLink revolutionizes emergency shelters by prioritizing safety, organization, and well-being, especially during public health crises like pandemics.
- Work closely with cross-functional teams, including designers, product managers, and other developers. Attend and contribute to team meetings and brainstorming sessions..

Auto Rover - [↗](#) | [IOT](#) , [Arduino uno](#) , [Motor driver](#) , [Smart Sensors](#)

April 2024

- Developed a line-following robot capable of autonomously navigating predefined paths using infrared sensors for line detection and motor control mechanisms for direction adjustments
- Collaborate with the development team to design, code, test, and debug our product Conducted research on new technologies and frameworks to enhance project capabilities.Suggested and implemented innovative solutions to improve development processes.

IOT based vehicle accident and tracking system - | [Sensors](#) , [IOT](#)

- Enhanced Safety Features: Integrate a notification system for real-time alerts during accidents, with an anti-sleep alarm to prevent drowsy driving and smoke detection for early fire warnings.
- Advanced Detection Systems: Implement alcohol detection to identify impaired driving and ensure safe vehicle operation, reducing accident risks.

COURSEWORK

Subject-Java , Analog and Digital Communication , Sensor and Interfacing Device , web designing(html , css) , Computer network

TECHNICAL SKILLS

IT Skills: JAVA , OOPs , Basic Sql ,

Soft Skills: Analytical Skills , Problem Solving , team Work , Time Management , Critical Thinking , Good Communication skills , Multi-cultural Management Teamwork , Self-driven and courageous

Achievement

- Hackathon Impulse 2k24(Winner) - Chandigarh University
- Speech competition - Chandigarh University

EXTRACURRICULAR

- HACKETHON Winner of Hackathon Impulse 2k24 with 'Smart Sheltering' project, Innovative disaster relief technology solution