ADITI KARN

8076599167 | aditikarnoff88@gmail.com | linkedin | github

Education

BACHELOR OF TECHNOLOGY (ELECTRICAL AND ELECTRONICS) Dr A.P.J. Abdul Kalam Technical University ABES EC, GHAZIABAD	AUG 2023-JULY 2027
INTERMEDIATE KENDRIYA VIDYALAYA, DELHI	MARCH 2023
MATRICULATE KENDRIYA VIDYALAYA, DELHI	MARCH 2021

Projects

Women Safety App | Smart India Hackathon 2024
- Developed StandWithHer, a women's safety app with live location tracking, SOS alerts, and emergency contacts. Integrated Google Maps API, real-time audio/video recording, and contributed to UI/UX, notifications, and backend for instant responsiveness.

Mobile Call Detector using ICs, Transistors | Hardware
- Designed and implemented a circuit-based system to detect incoming mobile calls using integrated circuits (ICs) and transistors. The project demonstrated practical skills in analog electronics, signal detection, and hardware prototyping.

Automatic Night Lamp using Light Dependent Resistor (LDR) | Mini Project
- Designed and built an automatic night lamp circuit using an LDR and transistor-based switching mechanism. The lamp turns on in low-light conditions and off in daylight, demonstrating practical application of light sensing, analog electronics, and automatic control circuits.

4-Legged BLE-Controlled Robot using ESP32
- Designed and developed a 4-legged robotic system using ESP32 and BLE with mobile app control, DC motors, and real-time motor control. Focused on embedded systems, hardware-software integration, and BLE-based communication.

Smart India Hackathon (SIH) 2025 – Internal Round Qualifier (Top 50 out of 348 Teams)
- Qualified the internal round of SIH 2025 out of 348 teams with "Sehat Bandhu", an AI-powered health platform built using React.js, FastAPI, and PostgreSQL, featuring disease prediction, multilingual support, and location-based healthcare access.

HCL GUVI HACKATHON
- Developed "LLM-Powered Resume Reviewer", an intelligent web app built during the HCL–GUVI Hackathon, leveraging Large Language Models (LLMs) and ATS-style scoring to analyze and enhance resumes. Integrated features like role detection using ML, ATS compatibility scoring, and AI-driven feedback for section-wise improvements, skill gap detection, and keyword optimization.

SKILLS

- Languages : Python, Sql, Html , C , Matlab
- Frameworks: Pandas, Matplotlip, Numpy, Canva, Figma , LT spiece, Multisim , Scipy, Scikit-learn
- Tools: Adv. Excel, Powerpoint, Word, MySql
- Soft skills: People Management, Excellent communications, Leadership, Teamwork Player, Quick learner

Certificates

- Unstop: FlipKart E-Commerce and Tech Quiz	AUG 2024
- Deloitte : Data Analytics Job Simulation	JUNE 2025
- Matlab : Matlab onramp	SEP 2025
- HCL GUVI: Hackathon	SEP 2025
- Workshop: Robotics, HVAC	May, Dec 2025

PROFESSIONAL EXPERIENCE

Digital Design Trainer (Volunteer)

AASIRA:-

Aasira is a movement dedicated to cementing a better future for all genders in STEM fields. Founded in 2023, we fight for equal recognition of women everywhere- from schools to workplaces. We strive to hold our leaders accountable and to educate and empower others to take action

Duration: [25 July 2024] – [Present]

Website: www.aasira.in

Instagram: @aasira.official

Leadership / Extracurricular

General Secretary
Sanjeevani And Yoga Club Of ABES EC