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EDUCATION

•**Institute of Engineering and Technology, Lucknow** — *Lucknow, UP*
B.Tech in Computer Science and Engineering — 2024

•**Pusa Institute of Technology, Delhi** — *New Delhi*
Diploma in Electronics and Communication System — 2018 - 2021

PERSONAL PROJECTS

•**ISSAT - ISRO Satellite Tracker** — *February, 2023*

A satellite tracking application that allows us to track the position of ISRO satellites in real-time.

– Tools & technologies used: Python (Flask), MySQL, N2YO Api, Folium
– This project is built using Python and leverages the N2YO API and ISRO for satellite data and map visualization. ISSAT provides a user-friendly interface for selecting specific ISRO satellites and tracking their position over time.)

•**Prediction of Chronic Kidney Disease for Medical Purposes.** — *November, 2022*

A Web Based Kidney Disease prediction app implemented on Random Forest Algorithm and deployed on Flask.

– Tools & technologies used: Dataset, Pandas, Numpy, Sklearn, Matplotlib

•**ABHYUDAYA – Blood Donation Drive.** — *June, 2021*

Patient in need of Blood can connect with recovered covid patients willing to donate.

– Languages & technologies used: PHP, PHPMailer, MySql

•**Real Time Vehicle Tracking System.** — *March, 2021*

A GPS based hardware gadget whose location we can find out on our portal.

– Hardwares used: ESP32, SIM900A, NEO-GM GPS
– Softwares used: Arduino IDE, MapBOX API, ThingSpeak Server, 000WebHost Server

•**CloudPoint – FLASK Database Rest APIs.** — *December, 2020*

APIs which can be used to perform various DB operations (e.g. Fetch, Insert, Update and Delete).

– Languages & technologies used: Flask, $flask_sqlalchemy, requests, jsonify$

TRAINING and EXPERIENCES

•**Summer Internship at Shakla Technologies** — *May 2020 - June 2020*
Web Developer — online
– Designing the Architecture and Development of the website.
– With a team of 3 interns.

•**Machine Learning (certificate)** — *Feb 2022 - March 2022*
Internshala Trainings — Online
– Certificate No.: E836641D-FCBA-CC4A-62B6-7AE9E6E12FB1

TECHNICAL SKILLS and INTERESTS

Languages: C/C++, Python, SQL
Developer Tools: Git-Github
Frameworks: Flask, BootStrap
Cloud/Databases: MySql, ThingSpeak, Heroku, 000WebHost AWS ec2 Instance
Soft Skills: Effective Communication, Assertiveness, Time Management, Presentation Skills, Conflict Resolution
Areas of Interest: Develpment