# Chandrashekhar Tripathi

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LinkedIn://tripathics | tripathics.github.io | GitHub://tripathics

#### **EDUCATION**

#### NIT Arunachal Pradesh

B. Tech in Computer Science Eng

Oct 2020-2024

Cum. GPA: **8.9 / 10 (Expected)** 

#### Govt. Higher Sec. School, Rupa

Higher Secondary, XII (CBSE)

Grad. Mar 2019

Percentage: 81.6%, 1st in District

Secondary, X (CBSE)

Grad. Mar 2017

Cum. GPA: 10 / 10

#### **PROJECTS**

### Atulyam'23 website

Website | Source

- Developed NITAP's Atulyam Fest website, utilizing frontend design skills to create a magazine-style UI/UX.
- Used Firebase authentication and Firestore database in the backend.

## Technodaya Website

Website | Source

- Created **full stack** website for **Technodaya**, technical newsletter of NIT Arunachal Pradesh.
- Awarded 1st place in the NITAP 2022 Designathon.

**Airavat** Source

- Created Airavat, an IoT ecosystem for fleet vehicle monitoring and tracking.
- Tracker device made using NodeMCU (ESP8266), 4G SIM Module (SIM7600) and GPS module (GPS NEO-7M).
- Developed full stack website for Airavat using Flask with SQL database.

# SHIELD Web App

Source

- Co-developed SHIELD, an IoT-based ecosystem for secure transportation of valuables with Team Revolutionists.
- Created a ReactJs web app with Firebase backend enabling shipment tracking, locking/unlocking, monitoring with alerts for admins.
- Awarded 1<sup>st</sup> place in the NVCTI Winter Challenge Hackathon.

#### **SKILLS**

Languages: C, C++, JavsScript, Java
Scripting languages: Bash shell, Python

· Frameworks: React, Flask, Node

Database: MongoDB, SQLPlatforms: Linux, Firebase

Familiar: Typescript, Docker, AndroidOthers: git, Microsoft Office, Sketchup

• Soft skills: Teamwork, Communication, Organization

### **EXPERIENCE**

## Indian Oil Corp. Ltd

**SDE INTERN** 

Dec 2022 - Jan 2023 | Assam, IN

- Interned as a full-stack and IoT developer, developing client and admin-side applications integrated with an IoT device.
- Achieved selection for the internship from among the top 3% of students in college.

# Technodaya

**EDITOR** 

#### Sep 2022 - Present | NIT Arunachal Pradesh

- Collaborated with 2 teammates to develop Technodaya Newsletter website, cutting paperwork by 90%.
- Utilized **React** for frontend and Firebase for backend as a full-stack developer.
- Automated content generation, resulting in a 70% reduction in editors' workload.

# Ekarigari Solutions Pvt. Ltd IOT INTERN Aug 2022 - Sep 2022 | Remote

- Worked with the Ekarigari team on Smart Home Automation.
- Utilised NodeMCU and Arduino creating a system faster than 50% of existing systems.

#### **ACHIEVEMENTS**

2022	1 <sup>st</sup> prize	NVCTI winter challenge Hackathon
2022	1 <sup>st</sup> prize	NITAP Designathon 2022
2022	1 <sup>st</sup> prize	Idea pitching, NIT Arunachal Pradesh
2022	1 <sup>st</sup> prize	CSS battle, Addovedi 2022