

Chandrashekhar Tripathi

+91 (844) 805-2150
tripathics17@gmail.com
National Institute of Technology
Arunachal Pradesh (IN)

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**

EXPERIENCE

Indian Oil Corp. Ltd

Dec 2022 - Jan 2023 | Assam, IN

SDE INTERN

- 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

Sep 2022 - Present | NIT Arunachal Pradesh

EDITOR

- 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

Aug 2022 - Sep 2022 | Remote

IoT INTERN

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

COURSEWORK

- Data Structures & Algorithms
- Object Oriented Programming
- Operating Systems
- Database Management Systems
- Machine Learning
- Unix Tools and Scripting

SKILLS

- **Languages:** C, C++, JavaScript, Java
- **Scripting languages:** Bash shell, Python
- **Frameworks:** React, Flask, Node
- **Database:** MongoDB, SQL
- **Platforms:** Linux, Firebase
- **Familiar:** Typescript, Docker, Android
- **Others:** git, Microsoft Office, Sketchup
- **Soft skills:** Teamwork, Communication, Organization

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 **1st place** in the NVCTI Winter Challenge Hackathon.

ACHIEVEMENTS

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