

Chandrashekhar Tripathi

tripathics17@gmail.com | tripathics.github.io | (844) 805-2150

EDUCATION

NIT ARUNACHAL PRADESH

B.TECH IN COMPUTER SCIENCE ENG

2020-2024 | Itanagar, IN

Cum. GPA: 8.9 / 10 [Expected]

GOVT. HIGHER SEC. SCHOOL

HIGHER SECONDARY, XII (CBSE)

Grad. Mar 2019

81.6% 1st in District

SECONDARY, X (CBSE)

Grad. Mar 2017

Cum. GPA: 10 / 10

LINKS

Github:// [tripathics](#)

LinkedIn:// [tripathics](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Object Oriented Programming

Functional Programming

Operating Systems

Optimization Methods

Machine Learning

Unix Tools and Scripting

SKILLS

PROGRAMMING

Languages

C • C++ • Java

Scripting

Shell • Python

Frameworks

React • Flask • Node

Database

SQL • Firebase

Platforms

Linux • Firebase

Familiar

TypeScript

Others

git • Markdown • Microsoft Office •

SketchUp

SOFT SKILLS

Leadership • Teamwork • Communication •

Organization

EXPERIENCE

TECHNODAYA | EDITOR

Sep 2022 - Present | NIT Arunachal Pradesh, IN

- Worked in a team of 3 to create the Technodaya newsletter website.
- Full-stack developer - Wrote and reviewed the code in React and implemented the backend with Firebase.
- Reduced workload of editorial team by 70% by autogenerating the content using form based input method.

EKARIGARI SOLUTIONS PVT. LTD | IoT INTERN

Aug 2022 - Sep 2022 | Remote

- Worked with the Ekarigari team to create a Smart Home Automation system using NodeMCU and Arduino.

BUSINESS WEB SOLUTIONS | FULL STACK DEVELOPER INTERN

May 2022 - Jul 2022 | Remote

- Created a full stack website using Django and MySQL.
- Completed the assigned project within 2 months.

PROJECTS

AIRAVAT SOURCE

- Created **Airavat**, an IoT based ecosystem for fleet vehicle tracking and monitoring.
- Tracker device was created using NodeMCU (ESP8266), 4G SIM module (SIM7600) and GPS module (GPS NEO-7M).
- Full-stack developer - Website for Airavat is made using Flask with SQL database.

TECHNODAYA NEWSLETTER WEBSITE SOURCE | WEBSITE

Created **full stack website** for **Technodaya**, the bimonthly technical newsletter of NIT Arunachal Pradesh using React and Firebase and autogenerates the magazine from form inputs.

SHIELD WEB APP SOURCE

Worked with my team **Team Revolutionists**, a team of 4, to build **SHIELD**, an IoT based ecosystem for secure transportation. I created the full stack website for SHIELD using React and Firebase. We won the **1st position** in **NVCTI winter challenge Hackathon**.

HOMEPAGE SOURCE | WEBSITE

Created my homepage website initially using Flask. Recently ported the codebase to React and Gatsby hosted on github pages.

ACHIEVEMENTS

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