Chandrashekhar Tripathi

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National Institute of Technology
Arunachal Pradesh (IN)

LinkedIn | Portfolio | GitHub

EDUCATION

National Institute of Technology, Arunachal Pradesh
Oct 2020 – 2024 (expected)

- Bachelors of Technology in Computer Science & Engineering
- CGPA: **8.9/10 (Expected)**

Government Higher Secondary School, Rupa
2012 – 2019

- Higher Secondary XII (2019), **83.6%, 1st in District**
- Secondary X (2017), **CGPA: 10/10**

INVOLVEMENT (PROJECTS)

NITAPBot | src
- A discord bot to verify new users on a server.
- Written in Python and uses discord.py library.
- Bot interviews new user on a separate private channel and assigns a member role.
- Learnt async-await in python.

To-do List – GDSC Internship Task | src
- An efficient python program to manage To-do lists.
- Learnt to use OOP in python.

Homepage (my portfolio) | src
- A beautiful and responsive portfolio which uses modern design.
- Achieved with pure HTML, CSS and JavaScript.

Typing Game | src
- A typing practice website with dark and light theme.
- Learnt CSS variables and responsive design for the first time.

filter.c [CS50X]
- Fast and memory efficient C program to apply filters to images.
- Grayscale, blur and edge filter can be applied to bitmap files.
- Libraries used: getopt and stdlib

SKILLS

- Problem Solving
- Collaboration
- Communication
- Organization
- Designing

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, Typescript
- **Web Development:** HTML, CSS, JavaScript, jQuery
- **Framework:** Flask, Django, Angular
- **Database:** SQL, Firebase
- **Version control:** Git
- **OS:** Linux, Bash
- **CS Fundamentals:** Data Structures & Algorithm, Object Oriented Programming
- **Markup and documentation:** Markdown, Jupyter Notebook
- **Other:** Microsoft Office, Sketchup

EXPERIENCE

Web Development Intern (Business Web Solutions)
May 2022 – Present

2-star coder (CodeChef)
4-star coder (HackerRank)

ACHIEVEMENTS AND CERTIFICATIONS

Won the NVCTI Winter Challenge 2.0 Hackathon
- My team, "**Team Revolutionists**", won the **1st position** in the Hackathon.
- Developed **SHIELD** – An IoT product which provides the perfect ecosystem for world-class security at a minimal cost.
- The hardware is built with Arduino. An android app and webapp is built to interact with the hardware.

CS50X (Introduction to Computer Science)
LFS101X (Introduction to Linux – Linux Foundation)