

# ADITYA SHARMA

SOFTWARE DEVELOPER

RELIABLE

ADAPTABLE

DEDICATED



## CONTACT



+91 7428025402



500093618@stu.upes.ac.in

**GitHub** - <https://github.com/Yorichi07>

**LinkedIn** - <https://www.linkedin.com/in/aditya-sharma-641853227/>

**HackerRank** - [https://www.hackerrank.com/AdityaSharma733?hr\\_r=1](https://www.hackerrank.com/AdityaSharma733?hr_r=1)

## SKILLS

C++	AWS
JAVA	GOOGLE CLOUD
PYTHON	DOCKER
MYSQL	K8S
MONGODB	WEB-DEVELOPMENT

## EDUCATION

**B.Tech. CSE CCVT Honours**

**UPES, Dehradun**

2021-2025

Ongoing course with current CGPA of 8.3 as of Vth semester

**12th CBSE Board**

**Deen Bandu Public School, Delhi**

2020-2021

Secured 81.6% in PCM

**10th CBSE Board**

**New Sainik Public School, Delhi**

2018-2019

Secured 8th position in school with 94%

## SUBJECT ELECTIVES

DSA	CLOUD COMPUTING
ADBMS	CG
OS	COMPILER DESIGN
DCCN	MICROPROCESSORS
OOPS	PROB. AND STATS.
CSA	
CPT	

## ACHIEVEMENTS

- Got **2nd position in IBM Technical Paper Presentation**
- Successfully completed **Google Cloud Study Jams** campaign
- Ongoing **research paper on "SMART AUTOMATED MEDICAL KIOSK"**
- 50+ HackerRank Questions.**

## SUMMARY

I am a dedicated and passionate software developer proficient in Java, Python, and C++ with a strong foundation in Cloud and Backend Development. I am currently expanding my knowledge in container orchestration and cloud performance tuning to enhance my capabilities further. In addition to my technical skills, I am a collaborative team player with excellent problem-solving abilities. I successfully led many projects in school and college in which my team consistently achieved success. Moving forward I hope to expand and improve the current skillset I have and continue with my learning.

## INTERNSHIPS

### GROUP LEADER | CONTENT DEVELOPER

NAVJYOTI INDIA FOUNDATION

JUNE 2022 - JULY 2022

- Internship focus:** Women's empowerment and digital education for village artisans.
- Developed a module for village artisans:**
  - Objective: To promote Digital Literacy and Digital Marketing
  - Purpose: To enhance artisan's profitability through technology
- Main goals of the module:**
  - Foster digital leadership among women
  - Enable artisans to use technology for self-empowerment.
  - Educate on online safety and wise decision making.

## PROJECTS

### C.H.O.R

CRIME, HARASSMENT, AND OFFENCE REGISTRY

SEPT 2023 - Present

- The backend of this project was developed in **JAVA**.
- Integrated AI into this project with predictive analysis of crimes in coming years using **Multi-Linear Regression** and a chatbot for users to enquire about constitutional laws and their legal rights.
- Included a visual representation of crime statistics and also a missing person portal with suitable **searching and sorting algorithms**.
- Applied **priority scheduling** in missing person portal
- The frontend is made using **HTML, CSS and JavaScript**.
- Used **MONGO DB** as persistent cloud database.

### MEDIAHUB

CLOUD PERFORMANCE TUNING PROJECT

SEPT 2023 - Present

- The backend of this project was developed in **PHP**.
- The frontend is made using **HTML, CSS, and JavaScript**.
- Applied various performance tuning techniques to achieve **low-latency and faster loading time**.
- Used **AZURE DB** for persistent storage
- Deployed on **AZURE CLOUD**.

### THOUGHT FLOW

A DOCKERIZED BLOGGING WEBSITE

SEPT 2023 - Present

- The backend of this project was developed in **PYTHON**.
- The frontend is made using **HTML, CSS, and JavaScript**.
- Deployed on multiple **Virtual Machines of AWS** to ensure consistent availability of the website during any error on a single VM.
- Used **Microservice Architecture** which involves **containerizing** microservices to easily manage the web application.
- Used **MONGO DB** for persistent cloud storage