# Amit Kumar

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## Education

*2022\**
B.TECH. IN CSE
IIIT Nagpur
CGPA : 8/10

*2014*
SCHOOL
Devi Dayal High School, Patna

## Links

Github:// **ak78158**
LinkedIn:// **ak78158**
Website:// **homepage**
Codechef:// **ak78158**
Codeforces:// **ak78158**

## Skills

OS
GNU/Linux, Windows

LANGUAGES
C/C++, Java, Python, Assembly,
JS , Shell

FRAMEWORK
Django, Node.js, react.js, PHP

DATABASES
MySQL, MangoDB

OTHERS
Git, Vim, Android Studio
LaTeX

## Interests

Competitive Programming
Open Source Software Development
Backend Development
Full Stack Development
System Programming

## Coursework

Data Structures and Algorithms
Object Oriented Programming
Operating Systems
Database Management Systems
Computer Networks

## Experience

*Oct'20* **Hacktober Fest**　　　　　　　　**Open Source Contribution**
Made eligible PRs for Hacktoberfest and completed this year's
Challenge.
*Git, Linux, VM, Github*

*Oct'20* **Verzeo, Microsoft as AEP**　　　　　　　　**Winter Intern**
Worked on Predicting Costs Of Used Cars and An accurate Estimation
of Air Quality using Linear Regression model projects.
*Keras, Microsoft Azure, ANN,NLP*

## Projects

*2020* **Automatic Attendance System**　　　　　　　　**Group project**
Worked on Face recognition based Attendance Management System by
using OpenCV(Python) and GUI(TKinter) making it user-friendly. Attend-
ance will be stored in directory as csv file.
*Pyhon, Jupyter Notebook*

*2020* **Mask Detection**　　　　　　　　**HCL Health Hackathon**
Detected a person is wearing mask or not using Haar Cascade Classi-
fier algorithm with CNN model using OpenCV API. Successfully detected
masked and unmasked faces in a photograph and in a video file.
*Pyhon, Jupyter Notebook*

*2020* **File Sharing Protocol**　　　　　　　　**Course project**
Developed an application layer file transfer protocol, as a client-server
model, with support for TCP/UDP. It had features like upload, download,
indexed searching and application level error checking.
*UDP, TCP, Cisco Packet Tracer*

*2019* **Developed Website**　　　　　　　　**Group project**
Worked in the WebD Team of our College and Developed Website of our
Technical Event( Tantrafiesta ).
*HTML, CSS, JS*

## Achievements/Awards

*2020* **Codechef December Long Challenge**　　　　　　　　**World Rank 114**
4 Star at CodeChef with rating 1805.

*2020* **Tantra Fiesta**　　　　　　　　**Organisers**
Oraganised various virtual events in TantraFiesta 2020 which is a Na-
tional Level Technical Fest of IIITN.

## Extra Curriculars

*2019-now* **Member**　　　　　　　　**Dotslash Programming club**
Member of the programming community at IIIT Nagpur, which works
for the development of a programming culture in the college.

*2018-2020* **CR**　　　　　　　　**Class Representative**
SAC member of my class for the academic year 2018-20.