

Amit Kumar

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8114417175

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, MongoDB

OTHERS

Git, Vim, Android Studio

TeX

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 **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. Attendance will be stored in directory as csv file.

Pyhon, tkinter, Jupyter Notebook

2020 **Mask Detection**

HCL Health Hackathon

Detected a person is wearing mask or not using Haar Cascade Classifier algorithm with CNN model using OpenCV API. Successfully detected masked and unmasked faces in a photograph and in a video file.

Pyhon, CV2, CNN, pyTTSx3

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 **Hacktober Fest**

Open Source Contribution

Made contribution through github in Hacktoberfest and got exciting prizes and goodies.

2020 **Tantra Fiesta**

Organisers

Organised various virtual events in TantraFiesta 2020 which is a National Level Technical Fest of IIITN.

Extra Curriculars

2019-NOW **Core Member**

Dotslash Programming club

Core member at coding community (Dot Slash) at IIIT Nagpur.

2020-MAR **Inter IIIT Sports Meet**

Secured 3rd place

Secured 3rd place in Inter IIIT Tournament.

2018-2020 **CR**

Class Representative

SAC member from my batch for the academic year 2018-20.