

# Amit Kumar

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8114417175

## Education

2022\*

B.TECH. IN CSE

IIIT Nagpur

CGPA : 8.02/10

2016

COLLEGE

Ram Krishna Dwarika College, 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, Haskell

FRAMEWORK

Django, Node.js, react.js

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

JUNE'21 **Frugal Testing**

**Summer Intern(1 mo)**

Worked with **Sacred Groves(UK based firm)** in detection bugs in front-end and back-end including corner cases for Web and Mobile application on different platforms.

*Selenium, JUnit, TestNG, Jira*

JULY'21 **Juspay**

**Summer Intern(6 mo)**

Developing a web application based project implemented UI, flow, API and backend (Invoice-Now).

*Haskell, Postman, Purescript, Git, Bitbucket, Jira*

## Projects

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.

*Python, 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 **Android Application Development**

**personal project**

Developed various Android Applications like Daily Shopping list, Calculator, Login using SQL DB in which authentication as well as database operations are performed.

*java, SQL, Firebase, Android Studio*

## Achievements/Awards

2021 **Google Hashcode 2021**

**India Rank 1300**

Participated in Google Hashcode With total 7,886,741 points.

2020 **Codechef December Long Challenge**

**World Rank 114**

4 Star at CodeChef with rating 1861(max).

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.