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, 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

JUNE'21 **Frugal Testing**   **Summer Intern(1 mo)**
Worked with **Sacred Groves(UK based firm)** in detection bugs in front-end and backend including corner cases for mobile application on android versions 9 & 10 and iOS version 14 on iPhone and iPad .
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.
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 **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**
Oraganised 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.