AKASH KUMAR

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GitHub | Linkedin | CodeChef | Codeforces | Topcoder | HackerRank | LeetCode | GFG | ICPC | Stackoverflow

EDUCATION

DR. A.P.J ABDUL KALAM TECHNICAL UNIVERSITY(AKTU) July 2018 – July 2022
  ➤ **Bachelor of Technology | Computer Science** Lucknow, Uttar Pradesh, India
  ➤ **CGPA: 8.5**

SDIC COLLEGE SAID NAGLI July 2015 – July 2016
  ➤ **Senior Secondary | Science & Mathematics** Amroha, Uttar Pradesh, India
  ➤ **CGPA: 9.4**

SDIC COLLEGE SAID NAGLI July 2013 – July 2014
  ➤ **High School | Science & Mathematics** Amroha, Uttar Pradesh, India
  ➤ **CGPA: 8.2**

EXPERIENCE

IIT KHARAGPUR | Machine Learning Training Online | Jul 2021 – Sep 2021
  ➤ An excellent understanding of both traditional statistical modeling and **Machine Learning** techniques and **algorithms** like **Regression**, **clustering**, **ensembling** (**random forest, gradient boosting**), **deep learning** (**neural networks**), etc.
  ➤ Fluency in **Python** with working knowledge of ML & Statistical libraries (e.g. **Scikit-learn**, **Pandas**).
  ➤ Experience in processing real-time **data and building ML pipelines** end to end.
  ➤ Very Strong in **Python, statistical analysis**, tools, and modeling.

IIT KANPUR | Python Programming Training Online | May 2020 – Jul 2020
  ➤ **Practical knowledge** of **python** programming.
  ➤ **Problem-solving** and critical thinking abilities.
  ➤ **Core python** expertise knowledge of web frameworks like **Django** and **Flask**.
  ➤ Designed **weather application** using **python** programming and **APIs**.

TECHNICAL SKILLS

  ➤ Programming Languages: **Python | C | C++ | Java(basic)**.
  ➤ Technology Domain: **Software Development | ML | AI**.
  ➤ Tools & Platforms: **Git | GitLab | Github | Linux | JupyterLab**.
  ➤ Core Skills: **Problem Solving | Data Structure | Algorithm | Mathematics**.
  ➤ Other Skills: **Mysql | OOPs | Python Django | Python Flask**.

PROJECTS

COVID-19 TEST APP | Github **Machine Learning** | May 2020 – Aug 2020
  ➤ **Problem:-covid-19 infection** testing of a large number of people.
  ➤ **Task:-Identify** the **corona-infected** people with the help of **covid-19 symptoms** using **machine learning**.
  ➤ **Action:-data collected** of corona-infected people from **hospitals**. **built** and **trained** the **machine learning model** over **collected data** of **corona-infected** people with the help of **machine learning algorithms**.
  ➤ **Result:-**Finally, we have built the **covid-19 test model** successfully and with the help of the **covid-19 test model**, we can **test corona infection** of the people.

ALGORITHM VISUALIZER | Github **Python & Algorithms** | Feb 2021 – Jun 2021
  ➤ **Algorithm Visualizer** is an interactive platform that **visualizes algorithms** from code.
  ➤ This project is to help out to understand the basic idea of **common algorithms**.
  ➤ The **Algorithm Visualizer** project is written in **Python** to visualize different computer **algorithms** like **searching, sorting, and backtracking**.

ACHIEVEMENTS

  ➤ **Codechef May Challenge 2021 Division 3 | Programming & Problem-Solving** Challenge| **Rank- 91** | May 2021
  ➤ **Codechef SnackDown 2021 - Online Qualifiers | Programming & Problem-Solving Challenge | Qualification Round Qualified |** Dec 2021
  ➤ **Codechef Oct Challenge 2021 Division 3 | Programming & Problem-Solving Challenge| Rank- 81** | Oct 2021
  ➤ **Facebook Hacker Cup Open Programming Competition** | **Qualification Round Qualified** | Aug 2021
  ➤ **Google Code Jam 2022 | Qualification Round Qualified** | Apr 2022
  ➤ **Google Kick Start Coding Round H** | **Open Programming Competition** | **World Rank - 3897th** | Username - Akash@1996 | Oct 2020
  ➤ **Codechef | Programming & Problem-Solving Rating - 1634** | Username - akash1996kumar
  ➤ **Hackerrank | Five Star | Problem Solving | C++ | Python** | Username - akashsaini454545
  ➤ **Geeksforgeeks | Problem Solving, Data Structure & Algorithm | Rank in Institute - 14** | Username - hitmanmit1996
  ➤ **Problem-Solving Certificate Hackerrank | Problem Solving & Programming** | Jun 2020.