KUSHAGRA SINGH

kushagrasingh246@gmail.com | (+91) 7354937225

SKILLS

- **Areas of Interest**
  Data Structure & Algorithm, Problem Solving, OOPs, Operating System.
- **Computer Languages**
  C, C++, Python, HTML, CSS, JavaScript.
- **Frameworks**
  ReactJs, PyCharm, Bootstrap, Visual Studio Code.

EXPERIENCE/INTERNSHIP

- **Cogoport Freight Pvt. Ltd. | Associate Software Engineer(FTE)**
  ->Work on responsive web-designing and implement *UI Dark theme* & *Light theme* using ReactJS.
  ->Create a user interface to *suggest movies* based on their rating on *0mDb*.
  ->Develop a *Brick-Breaker* game with feature real-time score, levels, high-score using *p5.js*.
- **Creators Club | Software Engineer Intern**   *(June'21-July'21)*
  ->Develop various screen flows such as Notification Center, *Login screen UI, User Registration*, etc for the mobile application using React-Native.
  ->Implemented navigation for screen flows such as Tab Navigation with icons and header using *React-Native*.
  ->Implemented *Knuth-Morris-Pratt*(KMP) algorithm for searching input text and displaying desired output on the screen.

EDUCATION

- Chemical Engineering **|** Indian Institute of Technology (BHU), Varanasi *CGPA: 7.23 | (July'18-May'22)*
- XII (CBSE) **|** Jawahar Navodaya Vidyalaya, Bagalur, Bangalore   *89.40% | 2018*
- X (CBSE) **|** Jawahar Navodaya Vidyalaya, Dabra, Gwalior   *89.30% | 2016*

PROJECTS

- **Animation Pathfinder**   *(May'21-Aug'21)*
  ->Build the webpage to understand the prefigure of finding the shortest path using *ReactJs*.
  ->Developed user interface feature by using of *JavaScript* which leads to ease to understand it.
  ->Implement *Dijkstra-Algorithm* to compute the shortest path between two points.
  Exposure | Basic Understanding of HTML, JavaScript, ReactApp, Visual Studio Code.
- **Allotment of Covid-Vaccine**   *(Dec '20)*
  ->Developed a Vaccine Management System which is designed for single hospital or covid-ward.
  ->It has fully generated inbuilt username and password system with *auto-generated captcha*.
  ->Developed *database-management* where we search vaccinated people data in sort of gender, age, profession, aadhar-card number.
  Exposure | OOPS,C++.
- **Auto-Correction**   *(Mar '22 -April'22)*
  ->Implement a system which suggest relatively correct words for *false-typing* in keyboard.
  ->Implement autocomplete feature using Trie which also gives suggestion in *Lexicographically-Order*.
  Exposure | Trie (Data Structure), C++, OOPs.

ACHIEVEMENT & HONOURS

- Secured an All India Rank *3170(OBC-NCL)* in JEE Mains and *2880(OBC-NCL)* in JEE Advanced among 1.5 million candidates.   *(2018)*
- Secured *2nd position* in in District(Gwalior) in Inter-State Talent Search Examination organized by *JKs an IItians Team*.   *(2016)*