

Randhir Kumar

+91 7492969807

randhirkumar_it20b10_75@dtu.ac.in



EDUCATION

B.TECH(Informational Technology)	2020-2024	Delhi Technological University, New Delhi	8.83 CGPA
----------------------------------	-----------	---	-----------

TECHNICAL SKILLS

Languages : C, C++, Java, HTML, CSS, SQL, Python(Basics)

Framework and Utilities : Javascript, Node.js, express Js, React Js, bootstrap.

Area of interest : Data structure, Algorithms, Operating system, Object Oriented Programming, Web-Development, Database Management System.

Familiar with : Machine learning, Docker.

PROJECTS

Customized Linux Shell

- Programmed a **Linux Shell** in **C** which handles basic commands.
- Extended the **shell** to handle input-output **redirection** and **pipng**

Real Time Web Chat

- Build a real time chat application Using **Node** and **Socket.io** which allows to communicate messages to all clients connected to a single server.
- Used **Socket.io** to enhance text speed of performance which can handle **3900 requests per second** whereas http which can handle **950 requests** per second.

Book Management System

- Created a Database for Library that manages books and students details controlled by admin.
- **Technology used** HTML/CSS/PHP/MySQL

Phonebook Management system

- Wrote around **800 lines of code in C++** for a phonebook that have **features of a Contact** (Add/ Delete / Search Contacts etc).
- Extended this code further using **Object Oriented Programming** features like **Classes & Object /Inheritance/Abstraction/Polymorphism**.

Spotify Clone

- Made a spotify clone using **HTML/CSS/Javascript**.
- This clone has many features like **add/play/pause** and **seek** songs that have been added.

POSITIONS OF RESPONSIBILITY

CO-HEAD INNOVA

- Co-ordinated a team of 30 students for the Event and Operation department of the team.

CO-HEAD YUVAAN

- Co-ordinated a team of 25 students for the Public Relation department of the team.

AAGHAAZ 2020

- Choose and manage the cricket team of the hostel in the Interhostel Tournament.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Secure **234 rank** in Wb-Jee exam **among 100k** students.
- Solved **800+** coding problems including all platforms.
- Best global rank **66** over codechef.
- Active participation in coding contests over **Codechef, Leetcode** and **Codeforces**.
- Solved problems on **PicoCTF**, having **picoGYM score 1150**.

I hereby declare that above mentioned information is correct upto my knowledge and I bear the responsibility for the correctness of the particulars