

Nakul Jain

3rd Year Undergraduate

Department of Computer Science and Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2018 - Present	B.Tech	Indian Institute of Technology, Kanpur	7.72/10
2018	CBSE(XII)	Ram Krishna Vidya Mandir, Gwalior	95.2%
2016	CBSE(X)	Gwalior Glory High School, Gwalior	10/10

Scholastic Achievements

- Secured **All India Rank 175** in JEE Advanced 2018 among the 2 Lakh shortlisted candidates
- JEE Mains State Topper (MP) with **All India Rank of 98** among 12 Lakh students.
- Cleared both stages of KVPY with **All India Rank of 457**
- Received the **Academic Excellence Award** for exceptional academic performance in 2018-19 academic session
- Received an excellence award for scoring **100% in Chemistry in CBSE 12th Board**

Intern

- Demux Academy** (April 2020-June 2020)
 - Agenda:** Configuring a AWS web server to host a web microservice
 - Set up AWS EC2 web server and configure different services through Virtual Hosting and Mysql as DB Host setup
 - Created a short Application using a tech stack including CSS, JS, Angular, React, Node.Js and used it as a primary project
 - Tech involved include AWS EC2 Ubuntu image, Elastic IP load balancer, Virtual Hosting through ApacheV2, Confd Configuration, Version Control, DNS Config and full stack for our microservice.

Key Projects

- Tic Tac Toe against computer** (Self)
 - Made a program for Tic Tac Toe in which human can play against computer and **computer never loses**
 - Developed an intelligent bot which is based on **Minimax Algorithm**
- Student Database Management in C++** (Self)
 - Used C++ language to manage a database system with the features of adding, deleting and modifying records
 - Ensured Security** by using hierarchy in the privileges of the users giving full control to admin and least to student
- Japanese Temple Pagoda** (Aug-2019-Nov-2019)

Mentor: Prof. Anish Upadhyay, TA201A, IIT Kanpur

 - Implemented various mechanical processes such as welding, forging to build a model of Japanese Temple Pagoda
 - Made Various Parts such as pillars, roofs, dom and assembled them together to complete the project

Technical Skills

- Languages and Tools:** C, C++, Python, Latex, Git
- Exposure:** HTML, CSS, JS, Node.JS, Angular, React

Positions of Responsibility

- Manager-Zonals (Technocruise)** (Aug 2019-March 2020)

Techkriti'20

 - Leadership:** Built and co-ordinated a team of 20 volunteers to ensure smooth conduction of workshops
 - Initiative:** Successfully collaborated with various MNCs including Adobe, Cisco for organising workshops in 28 cities
 - Achievement:** Successfully conducted workshops in different cities comprising of 4000+ participants contributing an amount of INR 16 Lacs towards the total budget of the festival
- Senior Executive-TOSC** (Aug 2019-Dec 2019)

Techkriti'20

 - Leadership:** Mentored a team of 50 Junior Executives for effective and persuasive conversations with the school authorities
 - Initiative:** Approached more than 35 Schools and Coaching Institutes in Madhya Pradesh for their association
 - Achievement:** Converted over 250 participants in the preliminary round of TOSC 2019

Relevant Courses

Data Structure and Algorithms	Fundamentals of Computing
Discrete Mathematics	Mathematical Logic
Computer Organization	Introduction to Electronics
Real Analysis and Multivariable Calculus	Linear algebra and Differential Equations
Algorithmic ToolBox, Coursera, University of California	Python for Everybody, Coursera, University of Michigan

Extra-Curricular Activities

- Played keyboard in various musical events such as Musical Extravaganza, Acoustic Night.
- Junior executive in TOSC(Techkriti Open School Championship) and Show Management in Techkriti'19.
- Secured an International Rank of 1979 in finals of 18th SOF - National Science Olympiad held in 2016.
- Won Power Excellence award in National Convention of Quality Concepts(2013).