Lakshay Bansal

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LinkedIn

DOB: March 19, 2002

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Sriganganagar, Rajasthan -335001

Education

Indraprastha Institute of Information and Technology B. Tech (CSE) 2021 – Present	CGPA: 7.4 (till 4th Semester)
Navyug Convent Senior Secondary School, New Delhi, Delhi CBSE (Senior Secondary) 2019 – 2020	Percentage: 89.9
Nosegay Public School **, Sriganganagar, Rajasthan** CBSE 2017 – 2018	Percentage: 92.4

Skills

Expertise Area	Data Structures and Algorithms, Object Oriented Programming
Programming Language	C, C++, Java, Python
Tools and Technologies	Blender, HTML, CSS, Javascript, React, MySQL, BurpSuite, Figma, Canva, Node
Technical Electives	Data Structures and Algorithms, Advanced Programming, Database Management Systems, Operating Systems, Theory of Computation

Internship

None

Projects

Medical Store [Link]   Jan 23 – Present
Guide: Dr. Vikram Goyal   Team Size - 2

Developed a Database of medical store in MySQL.
Most of the work was related to the backend. However
I thought of taking this project forward by creating frontend
Using MERN stack.

Blender 3D Model [Link]   Jun 22 – Present
Guide: Self   Team Size - 1

Created 3D models for an indie game under production which
involved creating a basic layout followed by modeling -> Sculpting-
> UV Editing -> Texture Painting -> Shading, and finally, A walking
Animation.

Regression Project [Link]   Jan 23 – May 23
Guide: Dr. Gaurav Arora   Team Size - 4

Regressed a linear model depicting various water quality indexes of
States on their economic growth. Regressed data was taken from the website
Maintained by the government of India. In the project, by making use of SLRM
(Simple Linear Regression Model) assumptions, we were able to verify
the Kuznets curve.

Tank Game [Link]   Sep 22 – Dec 22
Guide: Dr. Raghava Mutharaju   Team Size - 2

Created a two-player tank game with additional functionalities like the
freedom to save and load previous games.

**Assembler and Simulator
[Link]**   Apr 22 – Jul 22
Guide: Dr. Sujay Deb   Team Size - 2
Developed an Assembler and a Simulator for assembly language
commands like add, mov, sub, and basic conditional instructions.

Stone Paper Scissors using hand Gestures   Jan 22 – Mar 22
Guide: Dr. Pankaj Jalote   Team Size - 2

Developed a simple stone paper Scissors game where player 1 depicts their chosen action
by gesturing it in front of the camera; the computer randomly picks any of the three
options.

Simple Chess Project Using APIs [Link]   Jan 22 – Mar 22
Guide: Dr. Pankaj Jalote   Team Size - 2

Created a simple chess information retrieval software using the popular lichess API database
that can be used to get a top player of any genre or player information.

Shell [Link]   Sep 22 – Dec 22
Guide: Dr. Arani Bhattacharya   Team Size - 1

Developed a shell that executes basic commands such as ls, pwd, mkdir, rm, date, etc.,
using system calls and thread-based execution.

High Fidelity Prototype [Link]
22 Guide: Dr. Indrani De Parker

Jan 22 – Mar
Team Size - 4

Using various tools like Figma, Canva, etc., we developed a High-Fidelity Prototype of an app aimed at helping children.

Positions of Responsibility

• Captain of the Dodgeball team in High School

Awards and Achievements

• Achieved 99.34 percentile, AIR 6903 in JEE Mains, 2021
• Achieved AIR 9903 in JEE Advanced, 2021
• Scored 92% in class 10th
• Achieved 7th position in intra-college chess competition
• Earned June badge on Leetcode [Link]
• Soon to be a pupil on code forces [Link]

Interests and Hobbies

• Bug Bounties
• CTFs
• Malware Development
• Chess
• Cricket
• Web Series and TV shows

Declaration: The above information is correct to the best of my knowledge.
Lakshay Bansal
Date: 07 10, 2023