

Vansh Kathnawal

Roll No.:200001078

B.Tech - Computer Science and Engineering

Minor in Astronomy and Space Exploration

Indian Institute Of Technology Indore

+91-9981189852

cse200001078@iiti.ac.in

vanshkathnawal0942@gmail.com

linkedin.com/in/vanshkathnawal/

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	7.6 (Current)	2023-Present
Senior Secondary	CBSE Board	94.4%	2020
Secondary	CBSE Board	89%	2018

PROJECTS

- **Event Ticketing Platform** *Jul. 2023 - Sep. 2023*
Personal Project *Github*
 - Tech Stack: Node.js, Express.js, React.js, JavaScript, Tailwind CSS, Git
 - An online event ticketing platform for organizing and booking of events.
 - Users can create their accounts and signin into the website to get started.
- **EquipSports** *Jul. 2022 - Sep. 2022*
Personal Project *Github*
 - Created a Sports Equipment Retail website using Flask,MySQL,HTML/CSS.
 - User side for customers and outlet managers , users can set Orders and give feedback
 - Admin side with features of deleting user accounts and managing verification requests.
 - Used Relational database to manage various tables
- **Dog breed Image classification** *Feb 2023 - Apr 2023*
Dr. Aruna Tiwari *Github*
 - Train models to predict dog breeds
 - Transfer learning using pre-trained models
 - Demo website implementation using flask

TECHNICAL SKILLS

- **Programming:** C/C++,JavaScript,Python
- **Database:** MySQL , MongoDB
- **Others:** HTML5,CSS Git/Github ,Webpack, ,Linux command line interface , OOPS,OpenGL*
- **Tools/Frameworks:** Node,Express,React,Flask,Keras* , TensorFlow* , Numpy*
- **Operating Systems:** GNU/Linux(Ubuntu) , Windows **Elementary Proficiency*

KEY COURSES TAKEN

- **Computer Science:** Data Structures and Algorithms, Database Management System, Automata theory and logic,Computer Architecture,Design and Analysis of Algorithms, Software Engineering, ,Operating Systems,Parallel computing, Computer Graphics,Computational Intelligence,Logic Design, Computer Networks,, & Compiler Techniques
- **Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Probability ,Complex Analysis, Optimization Algorithms and Techniques& Numerical Methods
- **Astronomy:** Introduction to Astronomy,Introduction to space exploration , IoT for Space Application

POSITIONS OF RESPONSIBILITY

- **Co-head**,Football Club, IIT Indore *Apr. 2022 - July. 2022*
- **Member**,Sports Council IIT Indore *Apr. 2022 - July. 2022*
- **Member**,Table tennis Club IIT Indore *Feb. 2022 - August. 2022*

ACHIEVEMENTS

- **KVPY Stage I and Stage II**,Cleared *2020*
- **Codeforces**,Max-Rating:- 1360 *2023*
- **Leetcode**,Rating :- 1680 *2023*
- **RunersUp**,Futsal Tournament IIT Indore *2021*