

# Abhishek Jaiswal

Roll No.:200001001

B.Tech - Computer Science and Engineering

Indian Institute Of Technology Indore

MyPortfolio Link

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	7.3(Current)	2020-Present
Senior Secondary	CBSE Board	67.4%	2017-2019
Secondary	CBSE Board	8.2	2016-2017

## EXPERIENCE

- **Internship:** RuTAG IIT Indore : Worked as Frontend developer specializing in creating immersive web experiences and collaborating effectively with cross-functional teams for impactful solutions. (june 2023 - july 2023) || **Website**
- **Freelancer:** Engaged in generative AI training at Remotasks and Outlier (California).(July-Sept) 2023
- **Freelancer:** Engaged in Chegg india as Computer science expert.(Nov 2022 - June 2023)

## PROJECTS

### Hotel Management System

Dr Nagendra Kumar/ Semester Project

Oct. 2021 - Dec. 2021

GitHub

- \* Work as a Backend developer and also on designing part of Database (database used- My-SQL)
- \* This is a website designed for internal functioning of a hotel. It can be used for booking purposes by the receptionist. It also provides support system and utility for the guests. From management of housekeepers to restaurant , it provides a wide range of solutions.

### Grabook

Dr. Puneet Gupta / Semester Project

sept 2022 - Nov. 2022

Github Link

- \* Work as a Backend developer and also on designing part of Database (database used- My-SQL)
- \* This is a website designed for internal functioning of a book selling and Purchasing for inside campus IIT INDORE. It can be used for buying and selling the old books inside the campus. It also provides support system and utility for the coustomers.

### 3D Modeling Of POD Building IIT Indore (OpenGL)

Dr Somnath Dey/ Semester Project

March. 2023 - April. 2023

GitHub

- \* As a vital team member, I played a crucial role in utilizing OpenGL to develop a detailed 3D model of the 'POD building.' My contributions encompassed implementing features like dynamic cloud movement, realistic tree construction, and day and night effects, enhancing the overall user experience. Additionally, I actively participated in perspective projection and the implementation of a versatile camera system. This collaborative effort resulted in a sophisticated and immersive environment, showcasing not only pod construction but also providing users with an engaging and visually compelling cityscape experience. The project highlighted the importance of teamwork and careful planning in achieving a successful 3D modeling endeavor.

### Handwritten Alphabet Recognition Using Pygame with MNIST Datas

Dr Aruna Tiwari/ Semester Project

March. 2023 - April. 2023

GitHub

- \* I spearheaded the creation of a state-of-the-art Handwritten Alphabet Recognition System utilizing Python, Pygame, and the MNIST dataset. Through adept utilization of advanced machine learning techniques, As a team member developed highly accurate models for recognizing handwritten characters. The integration of Pygame allowed for the creation of an engaging and user-friendly interface, offering an interactive and intuitive experience. With a focus on precision and innovation, this project highlights my expertise in Python, machine learning, and user interface development, demonstrating a robust capability to address complex real-world problems. By leveraging these technologies and methodologies, I not only delivered an impressive solution but also honed my skills in the cutting-edge domains of machine learning and software development. This project serves as a testament to my ability to effectively apply sophisticated techniques to accomplish practical objectives.

## TECHNICAL SKILLS

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- **Programming:** C++(proficient) , Python(Intermediate)
- **Frontend:** HTML , CSS , Javascript(Intermediate) , Bootstrap , Tailwind CSS , Semantic UI , Materialize
- **Database:** My-SQL , MongoDB , SQLite , PostgreSQL , Oracle
- **Tools/Frameworks:** GitHub , Node.js , ExpressJs , Django
- **Operating Systems:** Windows, Ubuntu\* , VsCode , Github *\* Elementary proficiency*

## KEY COURSES TAKEN

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- **Computer Science:** Database Management Systems (MySQL), Computer Network , Operating System , Data Structures and Algorithms, Design and Analysis of Algorithms , Optimization of Algorithm , Object Oriented Programming (OOPs)
- **Mathematics:** Linear Algebra, Basic Calculus , Numerical Methods

## ACHIEVEMENT

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- **Specialist on CodeForces max(1503 ):**    IdLink
  - **4 Star on Codechef max(1841):**    IdLink
  - **Global rank 3 in the Jobathon22 2023 GeeksForGeeks among 9001 Coders :**
  - **Global rank 5th in Reverse Mode Coding By GraphicEraHillUniversity :**
  - **Global rank 9th out of 16000 in the Weekly Contest 98 Coding Ninja :**
  - **Top 10 Finalist in the DTCC Code-A-Thon ( SWAG WINNER ):**
  - **GoldMedalist on jobathon for freshers 2023 GeeksForGeeks (top 150):**
  - **Global rank 12 in the Gfg weekly contest 116 among 3165 coders:**
  - **Global rank 12 in mini Code 2.0 organized by Bajaj institute of technology and management:**
  - **Global rank 22 in the Codechef Starters 100 Division 2 (Rated):**
  - **Global rank 31st rank in Coding Velocity hashtaghackathon by PNAPPO:**
  - **Recieved the Freelancing oportunity at Remotask via codechef Starters 100 Division 2 :**
  - **Global rank 84 in the Codechef Starters 102 Division 2 (Rated):**
  - **Global Rank (52/5391 ) On GFG weekly contest 115:**
  - **Coding Profile:**    CodeForces || GeeksForgeeks || Codechef
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