

ABHAY RAJ SINGH

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🌐 [Linkedin](#)

🐙 [Github](#)

[Leetcode](#)

EDUCATION

Summer Valley School

PCM with Computer Science- **Grade - 94.8%**

2011-2021

Dehradun, Uttarakhand

Indian Institute of Information Technology, Pune

B.Tech - Computer Science and Engineering- **CGPA - 7.03**

2021-2025

Pune, Maharashtra

COURSEWORK

- Data Structure and Algorithms (DSA)
- Operating Systems
- Database Management System (DBMS)
- Compiler Design
- OOPS Concepts
- Computer Network

EXPERIENCE

CS Expert at Chegg [↗](#)

Jan 2022 - at present

- Solve doubts and questions related to core subjects online.

PROJECTS

ResPro - Project Generator [↗](#) | Python, MySQL, Workbench, Botfather

2023

- Bot for users to search projects by the name of languages .
- Use command languages /start, /language to interact with users .
- Uses MyWorkbench and local database to store projects .
- Utilized BotFather and telebot library to interact with Telegram API.
- CRUD operations are used.

MERN Stack For Hospital Management [↗](#)

2024

- Responsive website using MERN stack.
- Helps patients to book appointments online and allows admins to manage them easily at different levels.
- Beside appointments, patients can send messages, which can be viewed at the admin end in the dashboard .
- Admins can add new admins/doctors with their details and images stored on Cloudinary and can mark appointments accepted, rejected, or pending state.
- Attractive and engaging due to vector and 3d images.

Interviewer [↗](#) | NextJS, React, Tailwind, Neon, Clerk, Gemini API

2024

- Responsive website that uses Gemini API to test yourself for interviews .
- Questions are generated according to the role-based and are asked depending on the experience of the user that is sent as a prompt to the Gemini API .
- Uses voice recognition and webcam libraries of react framework to intergrate camera and recording of answers for the questions .
- Stores previous mock interviews along with feedback to revisit again .
- Real-time feedback .

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, HTML, CSS, Tailwind.

Technologies/Frameworks: MongoDB, ExpressJS, ReactJS, NodeJS, Bootstrap, NextJS.

Developer Tools: VS Code, GitHub, MySQL Workbench, Postman, Clerk, Shadcn.

CODING PLATFORMS

- CodingNinjas, GeeksforGeeks, Leetcode : Solved 300+ Problems

CERTIFICATIONS

- Front-End CSS
- Google's Crash Course on Python

EXTRACURRICULAR

- Spend most of the time in gym.
- Secured 3rd place in the challenging IIIT Pune Intra-college Football Tournament, Eklavya, highlighting out standing teamwork, sportsmanship, and field dedication.