

Abhinav Singhal

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Education

B.tech

ABES Engineering College

2019 – present | Ghaziabad

- in Computer Engineering and Information Technology.
- with an aggregate of 80%

Senior Secondary

The Asian School

2018 – 2019 | Dehradun

- **84%** in CBSE boards.

Experience

Backend Intern

Deeptek Medical Imaging Ltd

02/2023 – present

During my internship, I:

- Developed and contributed to Django projects.
- Deployed an application using Kubernetes and docker.
- Collaborated on the development of a project in Flask.
- Designed and implemented RESTful APIs, authentication, and authorization mechanisms.
- Enhanced my skills in Django, Flask, Kubernetes, Docker and API development.

This internship experience has sharpened my technical abilities and fostered teamwork.

Achievements

- Consistently ranked among the top performers in intercollege coding competitions, finishing in the #2 position on two occasions.
- Achieved a 3* rating and the highest score of 1700+ points on Codechef.
- Earned 5* ratings in Problem Solving, Python, and C++ on Hackerrank.
- Led my team to participate in the CBSE Science exhibition in 2018.

Languages

English | Hindi

Skills

Python

Django/Flask

C/C++

SQL

MongoDB

Git

Projects

ERP system [↗](#)

- Utilized **Django Framework** to build an ERP system for our college.
- Implemented **sqlite3** as the database for the system.
- Led the design and development of the system's backend database.

An assistant-cum-chatbot [↗](#)

- Created a voice assistant chatbot using **Python** and **AIML**
- Capable of performing various tasks including playing music via YouTube, displaying the current time, and providing Wikipedia search results

Automated Toll Plaza

- Developed an automated toll plaza using C++.
- Utilized bar codes to identify cars and facilitate toll payment.

Co-curricular Activities

- Hosted an event for a large audience of over 300 people.
- Placed as the runner-up in an intercollege badminton tournament.

Organizations

Enigma Programming Club

- Organized a boot camp for freshers to get familiar with coding languages and platforms.
- Created test problems for recruitment to the club.

HUHC

- Volunteered at the NGO which provides education to underprivileged children
- Contributed to the organization's efforts to provide basic education to children in need.