

**Yash Chauhan**

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#### ACADEMIC DETAILS

Degree/Exam	Institute	Year	CGPA/%
B.Tech.(Computer Science and Engineering)	Graphic Era University, Dehradun	2021 - Present	9.44/10.0
Intermediate	St. Mary's School, Najibabad	2021	89
High School	St. Mary's School, Najibabad	2019	90.8

#### FIELDS OF INTEREST

- Software Engineering, Cloud Computing, Virtualization.

#### Research Works

- **Revolutionizing Agriculture through AI and ML: Innovation in Precision farming (August 2023)**
  - Received the Runner-up Award for Best Researcher at the G20 Symposium. The abstract for the research with the aforementioned title has been officially registered under ISBN No. [Link](#)
- **Real Time Fruit Recognition and calories estimation using CNN and model deployment on Amazon's AWS. (Apr 2023 - May 2023)**
  - Presented my research work, titled as mentioned, at the 3rd International Conference on Innovative Sustainable Computational Technologies . [Link](#)
- **Artificial Intelligence based applications in Medical Tourism (Feb 2023 - Mar 2023)**
  - Virtually presented my research work with the title mentioned above at the 14th International Conference on Computing, Communication, and Networking Technologies. [Link](#)

#### PROJECTS

- **Basic SIC/XE Assembler (In Progress)**
  - Developing a console application in Java for Basic SIC/XE Assembler.
- **Bus Reservation System (July 2023)**
  - Developed a console application in C for Bus Reservation. [Link](#)
- **8085 Emulator using C++ (June 2023)**
  - Developed a Console application using C++ to run basic 8085 programs. [Link](#)

#### TECHNICAL SKILLS

- **Languages** (C, C++, Java), **Script** (Python,HTML,CSS), **Tools** (Eclipse IDE,  $\LaTeX$ , Visual Studio Code, VMware Workstation, Oracle VM VirtualBox)
- Deployed my Portfolio Webpage on cloud platform, Netlify.[Link](#)
- Used GOOGLE APP ENGINE launcher to launch the web applications using eclipse.[Link](#)
- Installed a GCC compiler in the Ubuntu virtual machine using VMware and executed a sample program.[Link](#)

#### SCHOLASTIC AND CO-CURRICULAR ACHIEVEMENTS

- Volunteered the 3rd International Conference on Innovative Sustainable Computational Technologies hosted by Graphic Era University (GEU) in Dehradun on the 8th and 9th of September 2023. [Link](#)
- Completed Software Engineering Virtual Experience Program of Goldman Sachs. [Link](#)
- 250+ problems solved on LeetCode [Profile](#).
- 5+ Google Cloud Skill Badges. [Profile](#)
- Represented my school at 27th District level National Children's Science Congress-2019. [Link](#)
- Received 100% attendance award in school for the sessions 2018-19 and 2019-20.