

# NITESH GUPTA

## ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Electronic Engineering IIT (BHU), Varanasi				9.37	2023
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.32	9.10	9.54	9.59	-	-	-	-
CBSE (XII)		Defence Public School				90.60	2019
CBSE (X)		Defence Public School				95.00	2017

## SKILLS

**Language and Framework** : C,C++,Python, JavaScript , Nodejs , MongoDB, Express ,React

**Area of Interests** : Data Structure and Algorithms, Web Development ,Object Oriented Programming, Deep Learning ,Computer Vision, Competitive Programming.

## PROJECTS

### Blog Website

Dec 2021 - Current

- A full stack project in which admin can compose/edit/delete blogs and user can see/vote them.
- User SignIn data secured with help of Passport.js.
- Front End developed with help of EJS templating.
- **Exposure**:Node.js , MongoDB, Express , Passport.js
- [code link](#)

### Todo - List

Dec 2021

- A front end web application in which user can add/delete items in the To-Do list.
- **Exposure** : React.js , HTML ,CSS, JavaScript.
- [Deployment link](#)

### Autonomous Path Mapping Bot

March 2021

- Simulate an autonomous virtual robot that used live camera feed of 12x12 virtual arena to apply Image Processing and Dijkstra's algorithm (Average time of completion was reduced to half of that without Dijkstra) to make it's way according to the given constraints and complete the given tasks.
- **Exposure**: Python, OpenCV, Path Planning

## POSITION OF RESPONSIBILITY

- **Mentor - iMaze'21**, mentored 5 teams with problem statement solving and implementation in a OpenCV and Robot simulation event by Robotics Club
- **Coordinator** at online Event of Electronics Branch Society

## HONOURS AND ACHIEVEMENTS

- Among **top 8** teams in data science hackathon event of **Cassandra** event at Udyam'21
- Among **top 12** teams to complete the problem statement in **Vision 2.0** a BFS based path planning bot.
- Secured **2nd** place in **Pixelate** among 50 teams, an Image Processing Event at Technex'21
- Qualified **JEE (Advanced)'19** with All India Rank **2030** and **JEE (Mains)'19** with All India Rank **912**
- Qualified for **Kishore Vaigyanik Protsahan Yojna (KVPY)** Fellowship with All India Rank **971**
- Maximum rating of 1530 (**Specialist**) on Codeforces and 1857 (**4 star**) on Codechef
- Secured Global rank of **114** in December Challenge 2020 Division 2 on Codechef
- Secured **3rd** place among 35+ teams in **Mosaic**, a Deep learning and Image processing Event at Udyam'21

## EXTRA-CURRICULAR ACTIVITIES

- Participated in Street Play event in Kashiyatra'19
- Participated in IITBHU MUN(Model United Nation)'19 (Committee - Specpol ,Portfolio - Madagascar)

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