

NISHIT JAIN

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EDUCATION

2019	Class 9th, Salwan Public School, Rajinder Nagar, New Delhi	Percentage: 90.1%
2020	Class 10th, Salwan Public School, Rajinder Nagar, New Delhi	Percentage: 87%
2021	Class 11th, Delhi Public School, Vasant Kunj, New Delhi	Percentage: 73.6%

TECHNICAL SKILLS

Programming Languages: C++, HTML5, CSS3, Javascript, Python, SQL

Tools and Frameworks: Git, Django, React Native, Linux tooling, p5.js

POSITIONS OF RESPONSIBILITY

Cryptic Head

Code Warriors (Tech Club), DPS Vasant Kunj

- Organized intra school events in the domain of **competitive programming** and **cryptic hunts**
- Organized the club's flagship programming and cryptic hunt event **soBig (500+ participants nationally)**
- Developed the frontend for **techathlon 2022's** (an intra school cryptic hunt event) website

Vice President

Chess Club, Salwan Public School, Rajinder Nagar

ACADEMIC ACHIEVEMENTS

- | | |
|------|---|
| 2022 | 4th in Stratazenith (game theory event) organised by IIT Delhi and The Indian Game Theory Society
top 75 in HPE code wars sponsored by codingal
1st place in X-Quest (cryptic hunt) hosted by DPS Rohini
2nd place in Crypt.IT (cryptic hunt) hosted by Bal Bharati Public School, Pitampura
2nd place in Cryptx (cryptic hunt) hosted by MINET
3rd place in BetaTest (cryptic hunt) hosted by Sanskriti School
2nd place in ReFAB.GD (game development event) hosted by Quantum v1.0
3rd place in Hackathon hosted by DPS bulandshahr |
| 2021 | Achieved a SAT score of 1390.
1st in Exun 2021 Locus (national/international) for game developement by DPS R.K Puram
Top 25 in Exun 2021 Competitive programming
Top 6 in Exun 2021 Spacetech
2nd in Cyquest v6.1 (cryptic hunt) hosted by Silico Battles
Top 150 in Cryptocracy (national cryptic hunt) with over 1500+ participants |
| 2018 | Qualified for Vidyarthi Vigyan Manthan state level camp
Silver Medal in French Olympiad.
8th Place in Delhi State Scrabble Championship |

CO-CURRICULAR ACTIVITIES

Music

Bridge Music Academy, DPS Vasant Kunj

- Merit in Rockscool grade 2 (83%), Distinction in grade 4 (91%), and Merit (88%) in grage 7 in electric guitar
- I was a part of my academy's and high schools band and performed live recitals.
- Currently part of my high school's orchestra.

Sports and cultural

Actively participated in many sports and cultural events, including:

- Qualified for zonals organised by AITA in lawn tennis (quaterfinalist)
- 3rd place in Swaacctha Hi Sewa art competition organised by Central Public Works Department (CPWD)
- Member for zonals team in skating from talkatora stadium

PROJECTS

Admin Panel for a business

Frameworks used : Django, Python and SQL,

- Created a platform where superusers can access, add and manipulate forms
- Created working backend for login and register page using python and sql
- Created responsive frontend using HTML5, CSS3 and bootstrap

Perlin noise visualisation using JavaScript

Frameworks used : p5.js,

- Created a simple visualisation of Perlin Noise using p5.js
- Designed a function that takes values from the graph of a noise function and assigns those values to a vector
- Applied the vector values to a stroke and rendered it using basic HTML and CSS on local host

Wikipedia Web scrapper using JavaScript and Wikipedia API

Frameworks used : RegEx, JavaScript, MediaWiki API,

- Created a website that uses data from Wikipedia's official API, MediaWiki
- Implemented a search function that displays all published wiki pages containing the search query
- Implemented a filter function using RegEx to tokenize and filter the most important words in a wikipedia page

Multiplayer FPS made using Unity and Proton networking

Frameworks used : Unity C#,

- Implemented the core gameplay for a first person shooter, including custom physics scripts for movement, shooting and recoil mechanics
- Hosted the game to a public Proton server, with custom networking scripts for making the game multiplayer friendly
- Added additional GUI elements and post processing using Unity's particle effects