

## Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2020 - Present	Bachelor of Science	Indian Institute of Technology, Kanpur	5.91/10
2020	CBSE(XII)	Jawahar Navodaya Vidyalaya, Bangalore Urban	91.6%
2018	CBSE(X)	Jawahar Navodaya Vidyalaya, West Singhbhum	90.2%










## Scholastic Achievements

- Secured **All India Rank 19668** in **JEE Advanced 2020** among **250k** shortlisted candidates.
- Secured **All India Rank 28164** in **Joint Entrance Exam Main 2020** among more than **1.1** million registered candidates.
- Selected for admission through **Navodaya Vidyalaya Selection Test 2013** at Jawahar Navodaya Vidyalaya, West Singhbhum.
- Among **top 1%** of Jawahar Navodaya Vidyalaya students from across India accepted as **Dakshana Scholars**.


## Work Expirience

- Anany Pahal Foundation | Web Developer Internship** (May'23 - Jul'23)
  - Transformed a static HTML website into a dynamic and responsive user interface using **React**, resulting in enhanced user experience and improved performance.
  - Implemented **component-based design**, enabling modular development and code reusability.
  - Successfully integrated the **Instamojo payment gateway** into the NGO's website to facilitate secure and efficient donation transactions, enhancing the NGO's fundraising efforts.

## Key Projects

- Full Stack MERN E-Commerce Project | AWS Cloud | Self Project** |  |  (Jan'23-Feb'23)
  - Developed a feature-rich e-commerce application using **MERN** stack technologies.
  - Integrated **Stripe** payment gateway for secure online transactions.
  - Implemented **Jenkins** for an automated **CI/CD pipeline**, ensuring efficient code deployment.
  - Containerized** the application using **Docker** for streamlined deployment.
  - Utilized **AWS EC2** for scalable and reliable hosting.
- Decentralized Voting System | Decentralized App | Self Project** |  |  (Mar'23)
  - decentralized application** for voting system with **React** client.
  - Implemented voting contract using **Solidity** and deployed the contract to Ethereum Testnet using **Truffle** framework
  - Integrated **React** app for voting Interface.
  - Implemented Digital Signature Using **SHA256** algorithm to sign the message of voter.
- Gym-fitness-app | Self Project** |  |  (Dec'22)
  - Designed and implemented an intuitive user interface for easy exercise discovery and selection.
  - Leveraged **ReactJS** components to ensure a responsive and user-friendly design.
  - Successfully integrated **RapidAPI's** resources, enabling real-time access to exercise data.
  - Deployed Successfully on **Netlify**.
- Classifymeister | Stamatics Club, IIT Kanpur** |  |  (May'23 - Jun'23)
  - Implemented **Logistic regression model** to Classify the sentiment of a sentence
  - Used **Sentiment140 dataset with 1.6 million tweets** for Training Data
  - Integrated React Clint site for user interaction.
  - Used **FastApi** to create API for the trained modal.
  - Deployed Successfully on **Github Pages** and Hosted the API of modal on **Render Cloud Services**.
- Captcha Detection | CS771 | Course Project** |  (May'23 - Jun'23)
  - Implemented a captcha text detection system utilizing **K-Nearest Neighbors (KNN)** algorithm and **OpenCV library**.
  - Leveraged convolution-based edge detection and contour extraction methods to accurately segment individual characters within captchas, setting the foundation for precise character recognition

## Open Source Contributions

- Next higher number with same set bits | The Algorithms** |  (Jun'23)
  - (merged) an algorithm that gives a Next higher number with the same set of bits in C++ language

## Technical Skills

- Programming Languages:** HTML, CSS, JavaScript, SQL, Solidity, C, C++, L<sup>A</sup>T<sub>E</sub>X
- Technologies:** aws, VS Code, Linux, GitHub, Jenkins, terraform, MongoDB, Git, Ganache, Mysql
- Libraries:** Reactjs, Expressjs, Web3js, Truffle, Threejs

## Relevant Courses

Fundamentals of Computing Modern Cryptology Introduction to Electronics Linear Algebra and Differential Equations	Introduction to Machine Learning Data Structure and Algorithm Probability and Statistics Image Processing
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## Extra-Curricular Activities

- Dakshana Selection Test | Dakshana Foundation** (Feb'21-Mar'21 )
  - Conducted **JDST** and **NDST** at **JNV West Singhbhum (Jharkhand)**.
  - Total **10** selected students of different schools are appeared
- Code for GovTech | Samagra** (Jun'23 )
  - As a participant, contributed to the UCI web channel And **made proposal for theming and configuration project**
  - About **42000** students and working professionals participated in this open-source contest