

Harsh Singh

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EDUCATION

- **Indian Institute of Technology(IIT) Patna** Patna, India
(BTech in Chemical and Biochemical Engineering. **CPI: 7.57**) May 2025 (Expected)
- **SBVM Inter College** Lucknow, India
(UP Board Intermediate Examination (UPBIE) conducted by UPMSP. **Percentage: 76.6%**) March 2020

PROJECTS

- **Doctor Appointment System (React, Nodejs, Prisma stack)** Source Code
Visit Site April 2024
 - System facilitates patients in scheduling appointments with preferred doctors or Emergency Appointments set up via an online platform.
 - Dynamic dashboard for doctors to access patient information and provide online treatment.
 - Patients can track their treatment progress, view medications, prescriptions, and appointment details
 - Dynamic authentication system allowing user sign-in, sign-up, password recovery, and email verification (for doctors and patients).
- **EtherEyes (ML, SARIMA, DLM)** Source Code
INTER IIT TECH MEET 11.0, IIT Kanpur February 2023
 - Development of a gas price prediction system, empowering users with cost-efficient transaction decisions and timely notifications.
 - Applied SARIMA analysis to model and scrutinize 100 hours of historical gas price data.
 - Led a dynamic, six-member team in designing layouts and themes, collecting and analyzing data through Owlracle API for accurate gas price predictions.
 - Introduced strategic transaction recommendations, advising users to buy at the lowest gas prices, coupled with an urgency feature.

ACCOMPLISHMENTS

- **750+** Questions solved on various programming platforms.
- Bagged **Bronze Medal** in INTER IIT TECH MEET 11.0 for developing EtherEyes for Metamask.
- Secured an All India Rank of **10712** out of more than **0.17** million candidates in JEE Advanced 2021.
- **Qualified NTSE'20 - Stages 1 and 2**, ranked among top 1000 out of more than 1 million candidates.

SKILLS/RELEVANT COURSEWORK

- **Languages:** C, C++, Java, Python, HTML
- **Tools:** MongoDB, ReactJS, NextJS, Node, ExpressJs, CSS, JavaScript, PHP, MySQL, Prisma
- **Core Courses:** Data Science, Fluid Mechanics, Computational Fluid Dynamics, Process Equipment Design, Mechanical Operations
- **Professional Skills:** Data Structures and Algorithm(DSA), Database Management System(DBMS), Object Oriented Programming(OOPs), MySQL
- **Mathematics:** Probability and Random Processes, Multivariable Calculus, Linear Algebra, Complex analysis

POSITION OF RESPONSIBILITIES (PORs)

- Selected as the **Technical Secretary, Students' Gymkhana, IIT Patna** and bagged 7th rank in INTER IIT TECH MEET 11.0.
- **Coordinator** in FlagShip Events, Celesta. Responsible for conducting robotics events.